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SUGAR REPORTS

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AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE

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MARKET REVIEW

The price freeze announced on Aug. 15, 1971 as part of President Nixon's new economic policy does not apply to raw agricultural products such as sugarbeets and sugarcane but does apply to raw and refined sugar.

Under the price guidelines, the maximum price that may be charged by a seller for raw or refined sugar during the freeze period is the highest price at which a substantial volume (10% or more) of actual transactions occurred during the 30-day period ending Aug. 14, 1971. Where products have been selling at a discount below the published price, the ceiling price would be the highest discounted price at which substantial transactions were made.

As of Aug. 15, the following were the quotations for refined cane and beet sugar sold at wholesale in the basis pack and in bulk by regions. Significant variations of actual prices from the quoted prices may be found in certain regions reflecting discounts resulting from competitive conditions.

PRICE QUOTATIONS IN CENTS PER POUND

	<u>Hundredweight bags</u>	<u>Bulk dry</u>
Northeast	12.60/12.70	12.40
Southeast	12.20	12.00
Gulf	11.70/11.90	11.45/11.70
Chicago-west	11.60	11.45
Intermountain Northwest	11.35	11.10
Pacific Coast	11.40	11.25

The U. S. average retail price for refined sugar sold in 5-pound paper bags during July 1971 was 13.64 cents per pound compared with 13.60 cents in June and 13.04 cents in July of last year.

The railroad strike which began on July 16, 1971 when the United Transportation Union struck two of the Nation's railroads, and which by July 30 had spread to eight additional lines, was settled on Aug. 2. However, the strike of dock workers at West Coast ports which began on July 1, and which has closed down the refining operations of the only cane sugar refinery on the West Coast continues as of August 27.

The Department of Agriculture, on July 30, and on Aug. 12, 1971, announced two increases of 100,000 tons each, in the determination of domestic sugar requirements (total quotas). In the July 30 action, the Department also declared an additional deficit of 175,000 tons in the sugar quota for Puerto Rico (declared 1971 calendar year deficits for Puerto Rico now total 960,000 tons), and in the Aug. 12 action, a **deficit** in the Domestic Beet sugar quota of 47,667 tons (its share of the Aug. 12 announced increase in requirements) and a deficit in the quota for Haiti of 4,908 tons. On Aug. 18, the Department rescinded the second 100,000 ton increase in domestic requirements and this automatically cancelled the deficit of 47,667 tons declared for the Domestic Beet sugar area in the Aug. 12 action. The deficit of 4,908 tons in the quota for Haiti still applies. Total sugar requirements for calendar year 1971 now total 11.2 million short tons, raw value. Press releases detailing these actions appear herein beginning on Page 35.

Sales of sugar by all primary distributors through Aug. 21 totaled 7,023,000 short tons, raw value, according to preliminary reports. Reported sales this year were 76,000 tons behind those reported during the comparable period of last year but when constructive deliveries (sugar sold and charged to quota at year-end but physically delivered in January and February of the following year) -- which in 1969 totaled 40,000 tons and in 1970, 161,000 tons -- are included in the year of actual delivery, 1971 physical deliveries through Aug. 21 were 45,000 tons more than the record quantities physically delivered during the comparable period last year. Deliveries of 4,984,000 tons of cane sugar during 1971 are about 216,000 tons ahead of last year while physical deliveries of beet sugar are running about 149,000 tons behind those during the same period of last year.

Reported deliveries of refined sugar by states of destination during the first half of 1971 were about two percent less than those of the first six months of 1970 with two of the regions -- the South and New England -- showing small increases over last year -- up 0.4 percent and 0.1 percent, respectively. Regions receiving less sugar in the first half of 1971, as compared with 1970, were the West down 7.5 percent, the North Central down 3.5 percent and the mid-Atlantic down 0.8 percent.

Individually, 19 states received more sugar in the 1971 period, 29 received less and two about the same quantity. Two states, Ohio and Florida, had reported increases of more than 200,000 hundredweight in the 1971 period, as compared with 1970, and there were five states to which deliveries in 1971 were down more than 200,000 hundredweight. Illinois and California with 1,157,000 and 765,000 hundredweight less respectively, had the largest declines reflecting constructive deliveries made to these states at year-end 1970.

Preliminarily reported stocks of raw and refined sugar held by all primary distributors on July 31, 1971, totaled 1,922,000 short tons, raw value. This was 235,000 tons less than a month earlier but 196,000 tons more than on the same date last year. Beet sugar processors' stocks of 916,000 tons were 220,000 tons less than on June 30 but 74,000 tons more than on July 31 last year. Cane sugar refiners' inventories of raw and refined sugar were 37,000 tons more than a month earlier and 86,000 tons more than a year earlier.

Prospects for the 1971 sugarbeet crop improved slightly during July, according to the Department's Crop Reporting Board. Based on conditions as of Aug. 1, production is now forecast at 25.4 million tons of sugarbeets, compared with 24.6 million tons forecast a month earlier. If the Aug. 1 forecast is realized, in terms of sugarbeet tonnage, the 1971 crop would be about three percent below last year and about eight percent below the record 1969 crop. Weather during July was generally favorable for growth and development of sugarbeets throughout most of the country although abandonment was heavier than normal in Michigan as early season dry weather caused thin stands. Harvesting of fall planted beets in Arizona and California's Imperial Valley is now complete with yields well above last year. In California, spring planted beets are in good condition although virus yellows disease has been reported in some areas.

Prospects for mainland sugarcane production for sugar and seed on Aug. 1, were slightly better than a month earlier at about 15.0 million tons, or 12 percent more than the 1970 crop. The indicated average yield of cane per acre in Florida at 31.0 tons is down from the 33.1 tons yield in 1970 while in Louisiana the indicated yield of 26.0 tons per acre is the same as for the prior crop.

In Hawaii, growing conditions have been favorable to the development of the crop and milling operations are about on schedule. Production of cane sugar through Aug. 14 totaled 816,671 tons, 96° basis, compared with 815,937 tons produced through Aug. 15 of last year.

Production of cane sugar in Puerto Rico from the now completed 1970-71 crop amounted to 320,506 tons, 96° basis compared with 455,100 tons produced last year. The yield of sugar per ton of cane averaged 6.996 percent in 1971 compared with 7.726 in 1970.

The price quotation for raw sugar, duty paid and delivered to New York, as established by the spot committee of the New York Coffee and Sugar Exchange, averaged 8.58 cents per pound during July, up from 8.54 cents in June and 8.16 cents during July of last year. During the first seven months of this year the price averaged 8.43 cents per pound, 4.6 percent above the 8.06 cents averaged during that period of last year. The upward trend in the price quotation which began in early July, continued into August reaching

8.71 cents per pound during the period Aug. 5-13, after which it declined to 8.65 cents on Aug. 16 and to 8.61 cents on Aug. 26. During the period Aug. 1-26, the quotation averaged 8.67 cents per pound compared with 8.19 cents during the same period last year.

The spot quotation for World bulk sugar f.o.b. and stowed at Greater Caribbean ports, including Brazil (No. 11 contract of the New York Coffee and Sugar Exchange) averaged 4.20 cents per pound during July, up from 4.14 cents in June and 3.80 cents in July of last year. During the first seven months of 1971 the quotation averaged 4.51 cents per pound. The average for the comparable period of last year is not available because trading in the No. 11 Contract commenced on May 5, 1970. However, the quotation for the No. 8 Contract for World sugar (bagged), which was generally quoted about .07 cent per pound higher than for bulk sugar (primarily because of the costs of bags and bagging) averaged 3.55 cents per pound during the January-July 1970 period.

BACKGROUND DATA ON 1972 SUGAR REQUIREMENTS

The Sugar Act expires at the end of 1971 including the authority of the Secretary of Agriculture to determine the sugar consumption requirements for the United States for future calendar years. Both the Senate and House have passed bills extending the Sugar Act of 1948 for three years, or until Dec. 31, 1974. Differences between the House and Senate versions have yet to be ironed out in conference and an agreed upon bill adopted by these bodies for submission to the President.

Both bills passed by the legislative bodies include a provision requiring the Secretary of Agriculture to determine sugar consumption requirements for the United States during October of the year preceding the calendar year for which the determination is being made. Assuming enactment of the 1971 Sugar Act amendments, the Department anticipates issuing a proposed order at a time which would permit the final determination to be made in October.

To assist interested persons in formulating their views and recommendations in response to a proposed determination of requirements, statistics having a bearing on the sugar industry are published herein on pages 5 to 34.

Table 1 - Economic trends

Item	Unit or base period	1957-59 average	1970		1971	
			Year	July	May	July
Population, continental U.S. including armed forces abroad, (July 1 or first of month)	1,000 persons	174,173	204,085	204,085	205,951 ^P	
Per capita disposable income	1935-39=100	359	653	<u>1/</u> 661	<u>2/</u> 697	
Gross national product	Billion \$	457.4	974.1	<u>1/</u> 983.5	<u>2/</u> 1,040.5	
Consumption	Billion \$	294.8	615.8	<u>1/</u> 620.9	<u>2/</u> 660.1	
Investment	Billion \$	68.0	135.3	<u>1/</u> 138.6	<u>2/</u> 150.1	
Government expenditures	Billion \$	92.4	219.4	<u>1/</u> 220.1	<u>2/</u> 230.2	
Income and spending						
National income, annual rate	Billion \$	378.0	795.9	<u>1/</u> 802.2	<u>2/</u> 843.2	
Personal income, annual rate	Billion \$	365.3	803.6	809.8	855.0	
Total retail sales, monthly rate	Million \$	17,098	30,381	30,729	32,522	
Retail sales, food group, monthly rate	Million \$	4,160	6,789	6,751	7,205	
Land values						
Average value per acre	1967=100	63	<u>3/</u> 117		<u>4/</u> 121	
Total value farm real estate	Billion \$	116.9	<u>3/</u> 208.2		<u>4/</u> 214.0	
Prices paid by farmers for commodities, interest, taxes and wage rates (Parity index)	1910-14=100	293	390	389	410	410
Prices received by farmers for all farm commodities	1910-14=100	242	280	285	286	286
all crops	1910-14=100	223	226	232	251	250
Consumer price index, all items	1967=100	86.1	116	117	121	122
all food	1967=100	86.8	115	116	118	120
Prices of all foods, wholesale	1967=100	92	110	115	116	116
Sugar prices:						
Raw, duty paid, New York, Bulk	cents per lb.	6.21	8.07	8.16	8.46	8.58
Refined, wholesale N.E. 100 lb. bag	cents per lb.	9.25	11.97	12.05	12.40	12.60
Refined, retail U. S. average	cents per lb.	11.24	12.97	13.04	13.54	13.64
Sugar distribution	1,000 s.t.r.v.	8,982	11,310	1,013	883	1,036 ^p
Sugar inventories of primary distributors (year end and month end) total	1,000 s.t.r.v.	<u>5/</u> 1,767	2,792	1,726	<u>2/</u> 1,824	1,922
Sugar fieldworker wages, weighted average determination minimum	1934=100	550.3	1,258.3			
General farm wage rate (farm labor composite)	Dollars per hour	0.761	1.42	1.38	1.36	1.44
Hourly earnings in manufac- turing (unadjusted)	Dollars	2.12	3.36	3.37	3.56	3.56

p. Preliminary

1/ Third quarter 1970, seasonally adjusted annual rate. 2/ Second quarter 1971, seasonally adjusted annual rate. 3/ March 1970. 4/ March 1971. 5/ Average of 1957, 1958 and 1959 year-end inventories.

Source: Economic and Statistical Analysis Division, ERS, USDA and Sugar Division, ASCS, USDA.

PRICE OBJECTIVE OF THE 1971 AMENDMENTS TO THE SUGAR ACT

The 1971 amendments to the Sugar Act passed by both Houses of the Congress direct the Secretary to determine the sugar requirements of consumers (and during the year to adjust the determination if necessary) at a level to attain a price for raw sugar that would reflect within a few percentage points, the relationship described as follows in the language of the Senate bill:

"The price objective*** is a price for raw sugar which would maintain the same ratio between such price and the average of the farm prices paid index* (1967=100) and the wholesale price index (1967=100) as the ratio that existed between (1) the simple average of the monthly price objective calculated for the period September 1, 1970, through August 31, 1971, under this section as in effect immediately prior to the date of enactment of the Sugar Act amendments of 1971, and (2) the simple average of such two indexes for the same period."

The historic data for use in calculating the price objective are shown below:

shown below:

Year and month	Farm prices paid index* (1910-14 : 1967=100)		Wholesale : Price : Index : 1967=100	Average : of : indexes : 1967=100	Current : raw sugar : price : guide
<u>1970</u>					
September	393	115	111.0		8.33
October	394	115	111.0		8.35
November	395	115	110.9		8.37
December	396	116	111.0		8.39
<u>1971</u>					
January	399	117	111.8		8.46
February	403	118	112.8		8.54
March	404	118	113.0		8.56
April	407	119	113.3		8.63
May	410	120	113.8		8.69
June	412	120	114.3		8.73
July	410	120	114.6		8.69
August	n.a.	n.a.	n.a.		n.a.
Sept.-Aug. average	n.a.	n.a.	n.a.		n.a.

n.a.= not available

* The term "farm prices paid index" means the Index of Prices Paid by Farmers for Commodities and Services, including Interest, Taxes, and Farm Wage Rates, as published monthly by the Department of Agriculture.

Table 2.- Population total and per capita sugar and corn sweetener distribution by primary distributors for consumption in the continental United States

Calendar year	Popula- tion	CALORIC SWEETENER DISTRIBUTION				
	Julv 1; including	Sugar	Corn 2/ sweetener	Total	Sugar	Corn sweetener
	armed				Pounds per capita	
	forces	1,000 short tons, raw value				
	overseas 1/ x 1,000				Refined 3/	
1948	146,631	7,343			93.61	
1956	168,176	8,904	1,086	9,990	98.96	12.07
1960	180,085	9,261	1,292	10,553	96.12	13.41
1961	183,074	9,611	1,361	10,972	98.13	13.90
1962	185,899	9,752	1,496	11,248	98.06	15.04
1963	188,574	9,989	1,626	11,615	99.01	16.12
1964	191,206	9,671	1,750	11,421	94.54	17.10
1965	193,587	10,020	1,780	11,800	96.75	17.19
1966	195,829	10,299	1,840	12,141	98.30	17.56
1967	197,962	10,245	1,877	12,124	96.73	17.72
1968	199,942	10,927	1,871	12,798	102.15	17.50
1969	201,897	10,655	1,924	12,579	98.64	17.81
1970	204,085	11,310	2,093	13,403	103.59	19.17

1/ Continental U.S. excludes civilian resident population of Hawaii. 2/ Shipments by corn refiners (members of Corn Refiners' Association Inc.), dry basis multiplied by 1.07. 3/ Raw value equivalent can be calculated by multiplying by 1.07

Table 3.- Distribution of sugar by primary distributors for consumption in the continental United States

Month	1962-63	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71
	to						
	1966-67						
1,000 short tons, raw value							
September	969	1,007	1,058	1,027	1,012	1,062	1,080
October	839	815	763	839	921	914	912
November	735	777	759	818	809	797	822
December	874	862	873	827	1,072	980	1,037
January	689	673	658	748	692	815	720
February	649	777	673	737	611	784	706
March	815	817	859	825	903	937	1,013
April	780	739	788	822	818	869	851
May	861	825	842	931	918	937	883
June	875	967	1,022	939	965	1,036	1,068
July	925	1,028	875	1,008	1,008	1,013	1,036 ^{2/}
August	985	1,020	1,017	1,103	1,047	1,078	1,122 ^{3/}
Total 12-month period	9,996	10,307	10,187	10,624	10,776	11,162	11,250 ^{3/}
1/ Revised 2/ Preliminary 3/ Estimated							

Table 4.- Population and sugar distribution by primary distributors in Hawaii and Puerto Rico, 1961 to 1970

Year	HAWAII 1/			PUERTO RICO 2/		
	Population 3/	Distribution of sugar by primary distributors 4/		Population 3/	Distribution of sugar by primary distributors 4/	
		Total (1,000 short tons, raw value)	Per capita (pounds raw value)		Total (1,000 short tons, raw value)	Per capita (pounds raw value)
		(000 omitted)	(000 omitted)		(000 omitted)	(000 omitted)
1961	659 ^{5/}	43	130.5 ^{5/}	2,402	115	95.8
1962	684	44	128.7	2,452	111	90.5
1963	682	41	120.2	2,511	117	93.2
1964	700	42	120.0	2,564	124	96.7
1965	704	44	125.0	2,615	117	89.5
1966	710	43	121.1	2,647	125	94.4
1967	723	47	130.0	2,673	122	91.3
1968	734	39	106.3	2,698	127	94.1
1969	750	35	93.3	2,754	125	90.8
1970	770	36	93.5	2,712 ^{6/}	124	91.4

1/ Distribution in Hawaii includes sugar used in manufacture of sugar-containing products shipped to mainland. 2/ Sugar shipments to Virgin Islands of approximately 1,000 tons per year included. Population figures exclude Virgin Islands population (32,000 population in 1960. Bureau of the Census). 3/ Estimates of population as of July 1, Bureau of the Census. 4/ Includes military personnel stationed in these areas. 5/ Calendar year. 6/ Population and per capita distribution revised 1961-68 6/ As of April 1, 1970

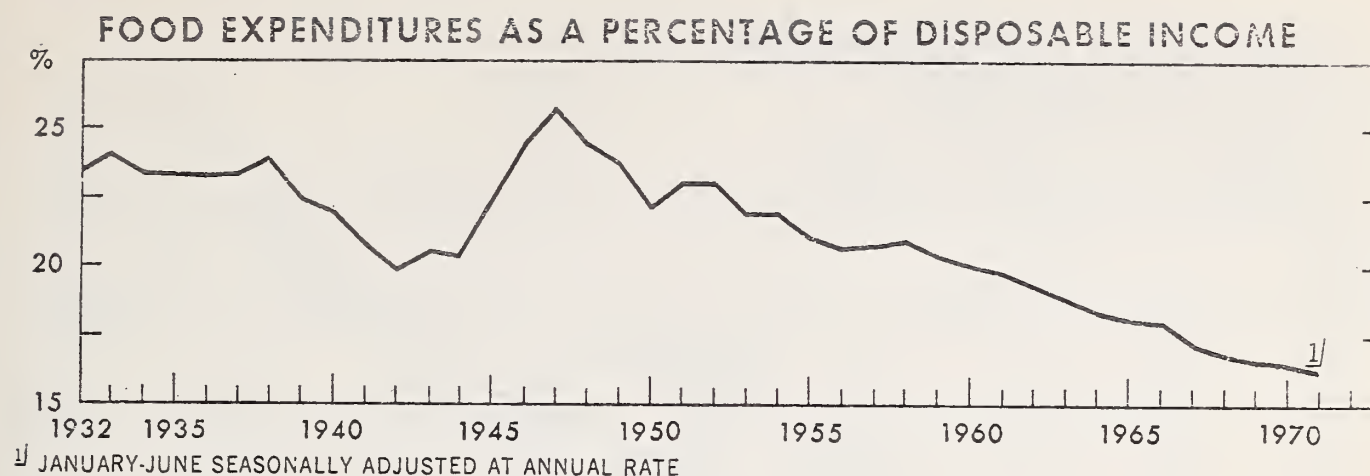


Figure 1

Table 5 Prices received by farmers for all farm products

Index: 1910 - 14 = 100

Month	:	Index: 1910 = 14 = 100																
	:	Year																
	:	1963	:	1964	:	1965	:	1966	:	1967	:	1968	:	1969	:	1970	:	1971
	:																	
January		248		244		235		264		256		254		263		263		270
February		245		241		238		272		252		258		265		290		284
March		242		240		240		270		251		259		270		289		282
April		243		238		244		267		247		259		270		281		282
May		240		236		251		264		254		260		278		279		286
June		242		234		255		264		256		260		281		280		288
July		244		235		254		270		257		262		280		285		286
August		242		234		251		273		256		263		276		276		
September		243		238		251		272		254		268		272		280		
October		243		236		249		266		254		261		273		274		
November		243		234		251		258		252		262		277		270		
December		239		235		260		257		254		262		282		264		
Annual average		243		237		248		266		254		261		274		280		

Source: Economic Research Service, USDA

Table 6- Sugar beets and sugarcane - season average price per ton received by farmers and calendar year parity price 1/

Crop year	Sugar beets			Sugarcane		
	United States			Louisiana and Florida		
	Price received	Parity	Price as % of parity	Price received 2/	Parity	Price as % of parity
	Dollars		Percent	Dollars		Percent
1961	13.42	16.40	82	8.90	9.81	91
1962	15.03	17.00	88	9.51	10.33	92
1963	14.42	17.80	81	11.35	10.96	104
1964	13.99	18.10	77	7.84	11.48	68
1965	14.13	18.70	76	9.02	11.80	76
1966	14.96	19.30	78	9.60	12.34	78
1967	15.72	19.50	81	10.54	12.49	84
1968	15.96	20.20	79	10.50	12.98	81
1969	14.73	21.50	69	11.12	13.90	80
1970 ^e	17.06	22.30	76	11.69	14.70	80

1/ "Season average price" is determined for each area on the basis of prices prevailing during the period when most of the sugar of the crop of beets or cane is being sold. The pricing period begins about the time that harvest commences. Currently for beets the period extends for 12 months; for Louisiana somewhat less than 5 months; and for Florida 10 months or more. For the most part the periods begin in October of the year indicated, the year in which most of the production costs and most of the harvest occurred. These series differ slightly from the ones shown in Sugar Statistics, Volume II, in which data relate to the year of planting as used in Sugar Act administration. Prices received include actual Sugar Act payments for all years (exclusive of abandonment and deficiency payments) 2/Prices received revised to reflect the changes in rounding U.S. prices per ton as published by the Statistical Reporting Service, USDA, e = estimated.

FARMERS' CASH RECEIPTS AND INCOME OF INDUSTRIAL WORKERS

1967=100

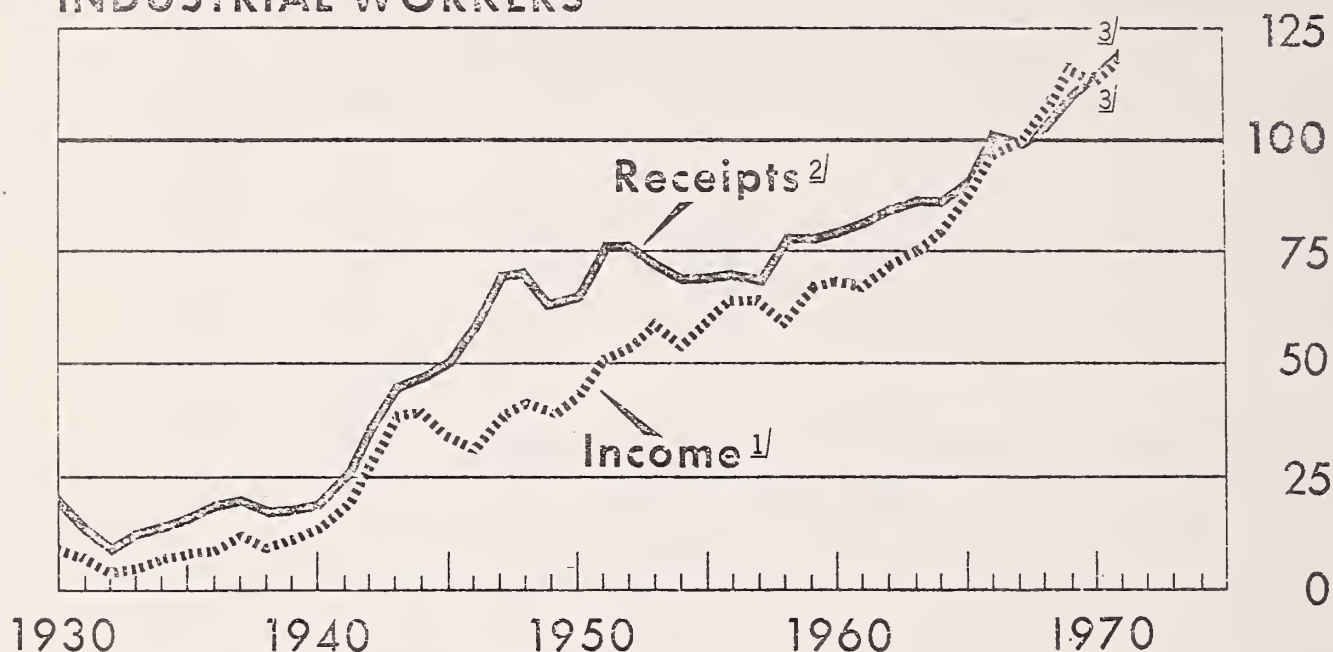
^{1/} PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES.^{2/} CASH RECEIPTS FROM FARM MARKETINGS.^{3/} ESTIMATES BASED ON 6-MONTH AVERAGE.

FIGURE 2

Table 7.- Stocks of sugar held by primary distributors, continental United States

Period	Refiners		Importers D.C.	Mainland cane mills	Total cane	Beet processors	Grand total
	Raw	Refined					
1,000 short tons, raw value							
August 31							
1961	387	312	69	1	769	362	1,131
1962	299	238	38	1	576	322	898
1963	478	329	31	1	839	434	1,273
1964	433	303	32	10	778	456	1,234
1965	420	275	20	85	800	858	1,658
1966	344	293	29	62	728	572	1,300
1967	471	277	39	90	877	551	1,428
1968	587	278	25	156	1,046	487	1,533
1969	565	307	8	149	1,029	669	1,698
1970	512	220	14	81	827	557	1,384
1971							
December 31				"QUOTA"			
1961	536	211	23		770		770
1962	558	221	21		800		800
1963	964	317	43		1,324		1,324
1964	483	205	21		709		709
1965	359	177	11		547		547
1966	376	176	12		564		564
1967	437	186	20		643		643
1968	379	229	11		619		619
1969	436	205	10		651		651
1970	624	210	4		838		838
"OVER-QUOTA"							
December 31							
1961	60	34	39	23	156	1,269	1,425
1962	42	31	7	12	92	1,368	1,460
1963	63	33		45	141	1,025	1,166
1964	115	25	4	151	295	1,696	1,991
1965	155	46	14	171	386	1,715	2,101
1966	194	54	5	258	511	1,523	2,034
1967	375	80	14	332	801	1,429	2,230
1968	455	45		459	959	1,383	2,342
1969	259	64		412	735	1,413	2,148
1970	179	43		376	598	1,355	1,953

Table 8- Per capita food cost and expenditure related to disposable personal income United States average

Year	Total expenditure for goods and services			Food expenditure			Cost to consumer of fixed quantities of food representing 1935-39 average consumption per person 2/	
	As percentage of disposable personal income			As percentage of disposable personal income			Actual	
	Total personal income 1/	Disposable personal income 1/	Consumer goods and services 1/	Actual 1/	Disposable income	Total expenditure for goods and services	Percentage of disposable income	Percentage of disposable income
	Dollars				Percent		Dollars	Percent
1935-39 average	534	514	488	119	23	24	119	23
1948	1,434	1,290	1,184	316	24	27	251	19
1956	1,980	1,743	1,585	359	21	23	268	15
1960	2,219	1,937	1,800	388	20	22	286	15
1961	2,269	1,984	1,825	392	20	22	289	15
1962	2,373	2,066	1,904	399	19	21	292	14
1963	2,460	2,139	1,982	404	19	20	296	14
1964	2,593	2,284	2,092	420	18	20	300	13
1965	2,774	2,436	2,228	442	18	20	308	13
1966	2,989	2,605	2,373	468	18	20	324	12
1967	3,168	2,751	2,477	473	17	19	327	12
1968	3,434	2,946	2,673	497	17	19	338	12
1969	3,704	3,130	2,861	520	17	18	354	11
1970	3,924	3,358	3,007	557	17	19	374	11
1971 3/								
1st qtr. p	4,047	3,500	3,125	568 4/	16	18	377	11
2nd qtr. p	4,134	3,584	3,192	579 4/	16	18	385	11

1/ Computed from revised data of the Department of Commerce. 2/ Cost to consumers of quantities of food representing average annual consumption per person during 1935-39; calculated by applying the actual 1935-39 expenditure for food (\$118.60) a consumer food price index which is a weighted average of indexes representing (a) retail food prices in urban areas (Bureau of Labor Statistics), (b) retail food prices in rural areas (Economic Research Service), and (c) prices received by producers applied to foods consumed on farms where produced. 3/ Annual rates seasonally adjusted. 4/ Quarterly data are estimates by the Economic Research Service from expenditures for food excluding alcohol beverages reported by the Department of Commerce. Source: Economic Research Service, USDA p=preliminary

Table 9.- Total civilian employment^{1/} and cash receipts from farm marketings and production workers payrolls

Year	Total civilian employment		Year	Total civilian employment		Year	Cash receipts from farm marketings		Year	Production workers payrolls	
	Thousands	Index: 1967 = 100		Thousands	Index: 1967 = 100		Thousands	Index: 1967 = 100		Thousands	Index: 1967 = 100
1930	45,480	21	1950	58,920	10	1950	67	44			
1931	42,400	15	1951	59,962	8	1951	77	52			
1932	38,940	11	1952	60,254	5	1952	77	54			
1933	38,760	13	1953	61,181	6	1953	73	60			
1934	40,890	15	1954	60,110	8	1954	70	55			
1935	42,260	17	1955	62,171	9	1955	70	61			
1936	44,410	20	1956	63,802	10	1956	71	65			
1937	46,300	21	1957	64,071	13	1957	70	65			
1938	44,220	18	1958	63,036	10	1958	79	60			
1939	45,750	18	1959	64,630	12	1959	79	68			
1940	47,520	20	1960	65,778	14	1960	80	69			
1941	50,350	26	1961	65,746	20	1961	82	68			
1942	53,750	36	1962	66,702	29	1962	85	73			
1943	54,470	46	1963	67,762	40	1963	87	76			
1944	53,960	48	1964	69,305	41	1964	87	80			
1945	52,820	51	1965	71,088	35	1965	92	88			
1946	55,250	58	1966	72,895	32	1966	102	98			
1947	57,812	70	1967	74,372	39	1967	100	100			
1948	58,344	71	1968	75,920	42	1968	104	108			
1949	57,649	65	1969	77,902	39	1969	111	117			
			1970	78,627		1970	115	114			
			1971 2/	79,000		1971 2/	120	117			

1/ 14 years of age and over, 1930-47; 16 years of age and over beginning 1948

2/ Estimate based on 6-month average.

Source: Economic Research Service, USDA

Table 10- Prices paid by farmers for commodities, interest, taxes, and wage rates

1910 - 14 = 100

Month	Year									
	1963	1964	1965	1966	1967	1968	1969	1970	1971	
January	312	313	317	327	339	347	364	384	400	
February	312	313	318	329	338	350	366	386	403	
March	311	313	318	331	339	351	369	386	404	
April	312	314	320	333	340	354	373	389	407	
May	312	313	323	333	342	355	375	389	410	
June	312	312	323	333	342	355	377	390	412	
July	313	313	323	334	344	356	374	389	410	
August	312	312	321	335	343	356	374	389		
September	311	313	321	337	343	356	375	393		
October	311	312	322	337	344	359	377	394		
November	311	313	322	337	343	360	378	395		
December	311	313	324	337	344	361	378	397		
Annual average	312	313	321	334	342	355	373	390		

Source: Economic Research Service, USDA

Table 11- Selected components of index of prices paid by farmers for commodities, interest, taxes and wage rates - 1964-1971

Year and month	Commodities and services					<u>1/</u>		Wage
	Clothing	Feed	Farm machinery	Fertilizer	Farm supplies	Interest	Taxes	rates
1910-14=100								
1964	356	205	414	151	268	339	710	693
1965	362	207	426	152	270	383	756	728
1966	377	217	442	152	271 ^{1/}	429	819	785
1967	397	212	462	153	274	478	888	847
1968	422	203	484	148	279	525	987 ^{1/}	917
1969	447	205	509	142	286	569	1,097 ^{1/}	1,010
1970	475	216	537	148	292	611	1,191	1,083
1970	Quarterly averages							
March	467	212	526	142	291	611	1,191	1,050
June	469	211	541	147	292	611	1,191	1,096
September	480	222	550	150	293	611	1,191	1,078
December	488	226	553	150	296	611	1,191	1,107
1971	Quarterly averages							
March	494	230	558	150	299	639	1,298	1,105
June	498	231	576	155	305	639	1,298	1,157

^{1/} Revised.

Source: Economic Research Service, USDA.

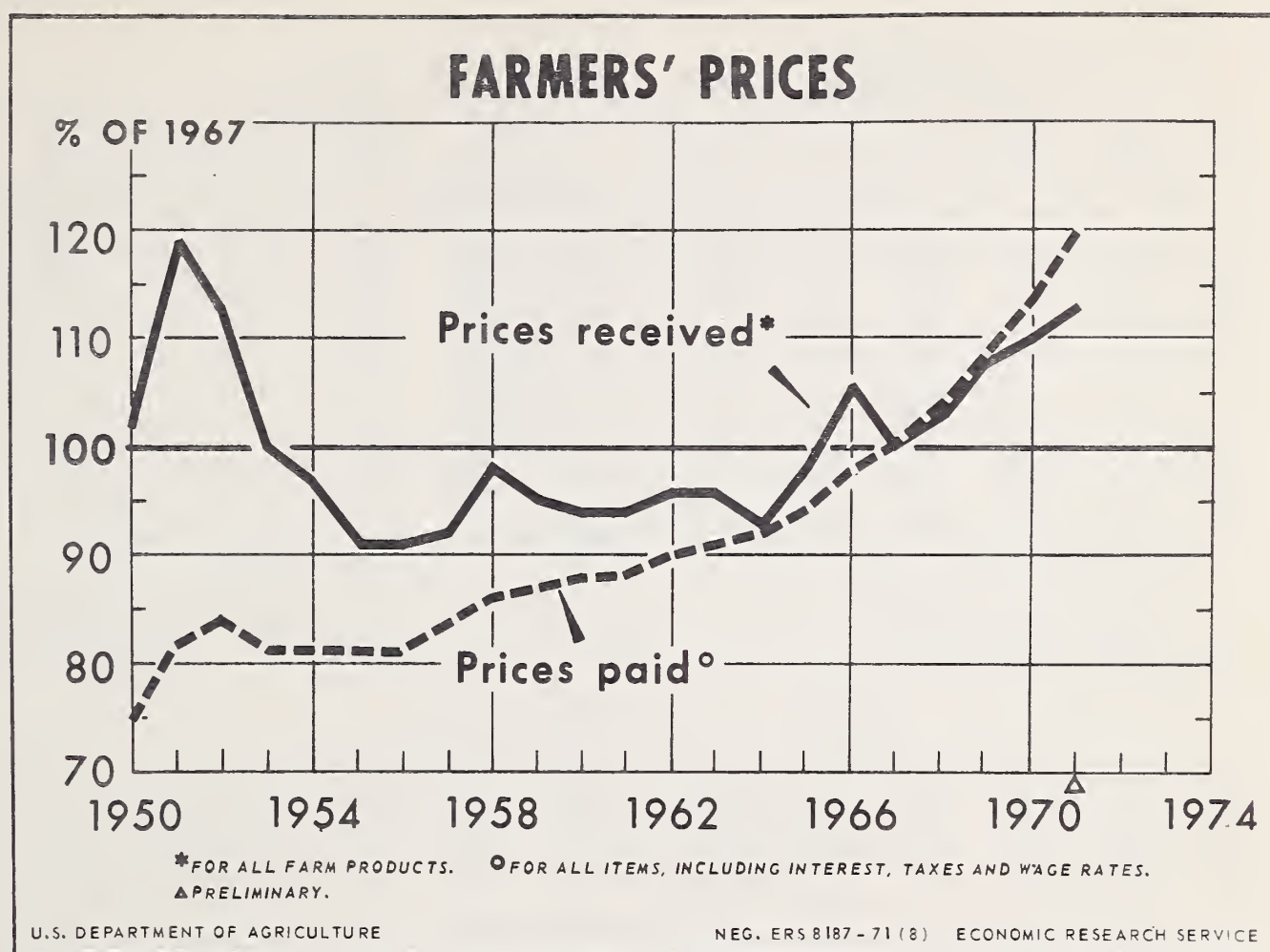


Figure 3

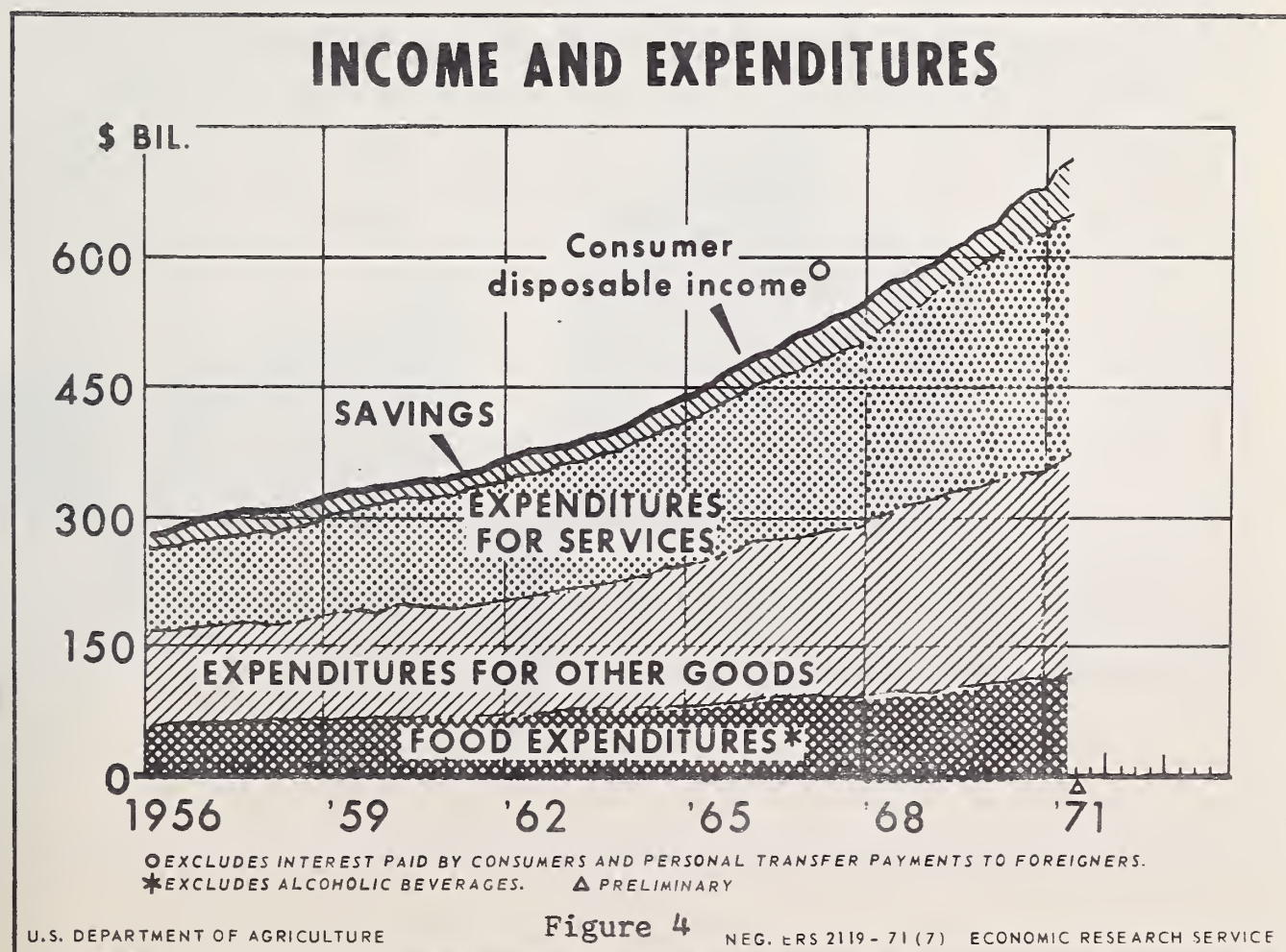


Table 12- Raw cane sugar prices
(a) Spot New York ^{1/}

Year	:Janu- :ary	: Feb- :ruary	: March	: April	: May	: June	: July	: August	: Sep- :tember	: Octo- :ber	: No- :vember	: Decem- :ber	: Monthly : average
Cents per pound													
1961	6.39	6.32	6.25	6.25	6.46	6.48	6.39	6.06	6.06	6.19	6.29	6.40	6.30
1962	6.45	6.37	6.43	6.43	6.43	6.45	6.39	6.54	6.43	6.52	6.44	6.54	6.45
1963	6.70	6.80	7.04	8.26	11.08	8.70	7.95	6.65	7.45	9.42	9.34	8.78	8.18
1964	9.29	8.02	7.33	7.43	6.65	6.45	6.25	6.18	6.20	6.27	6.17	6.55	6.90
1965	6.85	6.79	6.61	6.59	6.73	6.72	6.73	6.77	6.82	6.82	6.80	6.75	6.75
1966	6.88	6.92	6.84	6.89	6.90	6.92	7.00	7.05	7.11	7.15	7.12	7.14	6.99
1967	7.13	7.21	7.18	7.22	7.25	7.32	7.30	7.33	7.34	7.37	7.38	7.30	7.28
1968	7.41	7.38	7.35	7.42	7.48	7.53	7.59	7.59	7.62	7.66	7.58	7.62	7.52
1969	7.67	7.69	7.76	7.80	7.82	7.74	7.50	7.75	7.83	7.89	7.79	7.73	7.75
1970	8.11	7.96	7.90	7.89	8.16	8.22	8.16	8.19	8.16	8.14	7.95	8.02	8.07
1971	8.35	8.44	8.37	8.29	8.46	8.54	8.58						

(b) World raw cane sugar spot prices ^{2/}

Year	:Janu- :ary	: Feb- :ruary	: March	: April	: May	: June	: July	: August	: Sep- :tember	: Octo- :ber	: No- :vember	: Decem- :ber	: Monthly : average
Cents per pound													
1961	3.03	2.97	2.97	3.14	3.35	3.20	3.05	2.80	2.69	2.73	2.53	2.46	2.91
1962	2.30	2.36	2.65	2.69	2.60	2.63	2.92	3.24	3.18	3.28	3.65	4.29	2.98
1963	5.41	6.06	6.62	7.65	10.36	9.92	9.05	6.63	7.63	10.67	11.63	10.36	8.50
1964	10.64	9.11	7.43	8.05	7.12	5.33	4.80	4.37	3.71	3.70	3.40	2.76	5.87
1965	2.41	2.25	2.63	2.40	2.35	1.96	1.94	1.79	1.85	2.03	1.81	1.96	2.12
1966	2.47	2.25	2.17	2.09	2.09	1.72	1.78	1.69	1.55	1.59	1.47	1.41	1.86
1967	1.35	1.71	1.61	2.10	2.59	2.52	1.90	1.68	1.80	2.15	2.32	2.17	1.99
1968	2.20	2.17	1.93	1.84	1.98	1.78	1.71	1.66	1.45	1.90	2.39	2.77	1.98
1969	2.95	3.23	3.70	3.76	3.78	3.95	3.72	3.18	3.10	3.12	3.08	2.86	3.37
1970	3.12	3.23	3.44	3.62	3.75	3.82	3.86	3.89	3.93	3.99	4.18	4.16	3.75
1971	4.73	4.83	4.71	4.61	4.35	4.14	4.20						

(c) Differences ^{3/} -- New York prices from world prices adjusted to New York delivery basis

1961	+2.44	+2.45	+2.40	+2.20	+2.18	+2.33	+2.38	+2.29	+2.41	+2.50	+2.80	+2.98	+2.45
1962	+3.23	+3.10	+2.89	+2.86	+2.95	+2.94	+2.59	+2.42	+2.37	+2.35	+1.90	+1.36	+2.58
1963	+4.40	-15	-4.47	-2.28	-1.19	-2.12	-2.00	-8.88	-1.09	-2.18	-3.23	-2.52	-1.23
1964	-2.28	-2.02	-1.03	-1.54	-1.39	+2.20	+5.53	+8.89	+1.57	+1.65	+1.85	+2.87	+0.11
1965	+3.52	+3.61	+3.04	+3.25	+3.42	+3.80	+3.83	+4.02	+4.01	+3.83	+4.03	+3.83	+3.68
1966	+3.45	+3.71	+3.71	+3.84	+3.85	+4.24	+4.26	+4.40	+4.60	+4.60	+4.69	+4.77	+4.18
1967	+4.82	+4.54	+4.61	+4.16	+3.70	+3.84	+4.44	+4.69	+4.58	+4.26	+4.10	+4.17	+4.33
1968	+4.23	+4.23	+4.44	+4.60	+4.52	+4.77	+4.90	+4.95	+5.19	+4.78	+4.21	+3.87	+4.56
1969	+3.72	+3.46	+3.06	+3.04	+3.04	+2.79	+2.78	+3.57	+3.73	+3.77	+3.71	+3.87	+3.38
1970	+3.91	+3.61	+3.34	+3.16	+3.26	+3.25	+3.15	+3.15	+3.08	+3.00	+2.63	+2.71	+3.19
1971	+2.42	+2.41	+2.46	+2.52	+2.95	+3.24	+3.26						

^{1/} 1961-66 are spot prices for sugar in bulk under Contract No. 7, which beginning Nov. 21, 1966 was replaced by Contract No. 10. The terms of these contracts are duty paid or duty free, full duty rate .625 cent per pound.

^{2/} Prices for 1961-70 are spot prices under No. 8 Contract, bagged sugar f.o.b. and stowed at Greater Caribbean ports (including Brazil). Beginning January 1971 spot price under No. 11 contract, bulk sugar f.o.b. and stowed at Greater Caribbean ports (including Brazil.)

^{3/} The raw cane sugar spot price New York has been adjusted by deducting duty (.625¢), computed freight from the Greater Caribbean ports (including Brazil), insurance and unloading charges and adding the bag allowance (.55¢) before calculating the differential from "World" Contract spot prices. Beginning Jan. 1971 world spot quotation is for bulk sugar and bag allowance no longer applies.

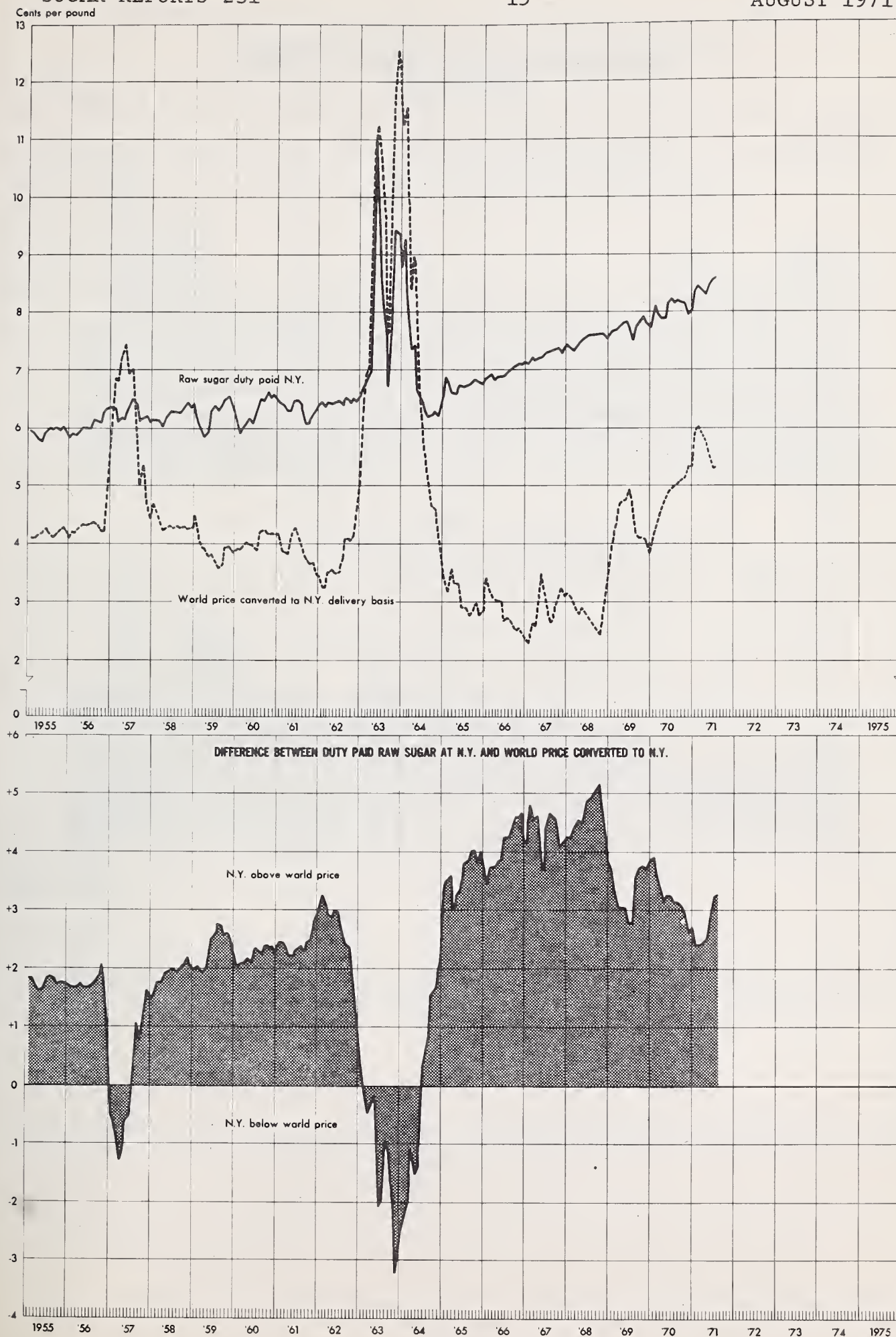


Figure 5

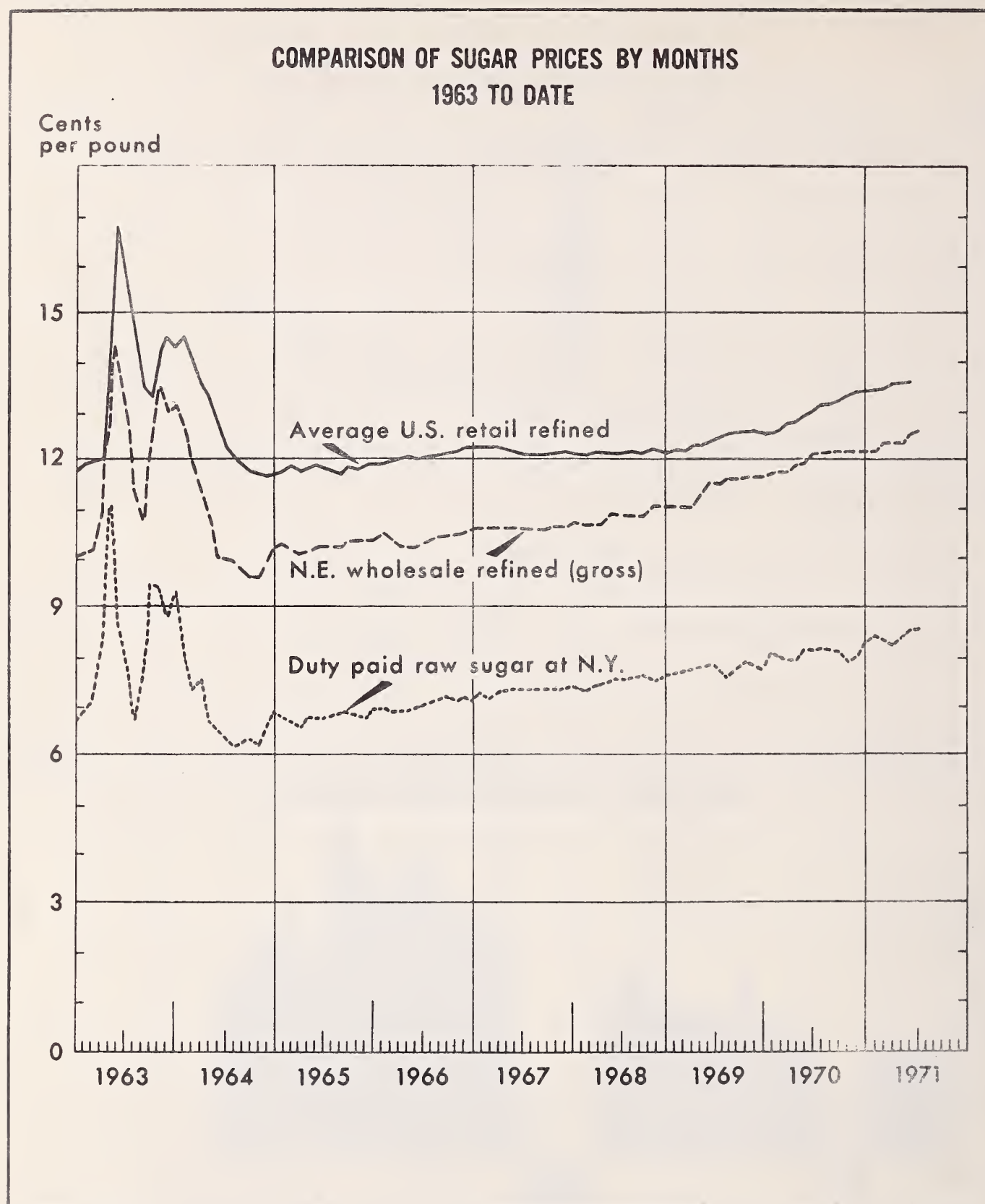


Figure 6

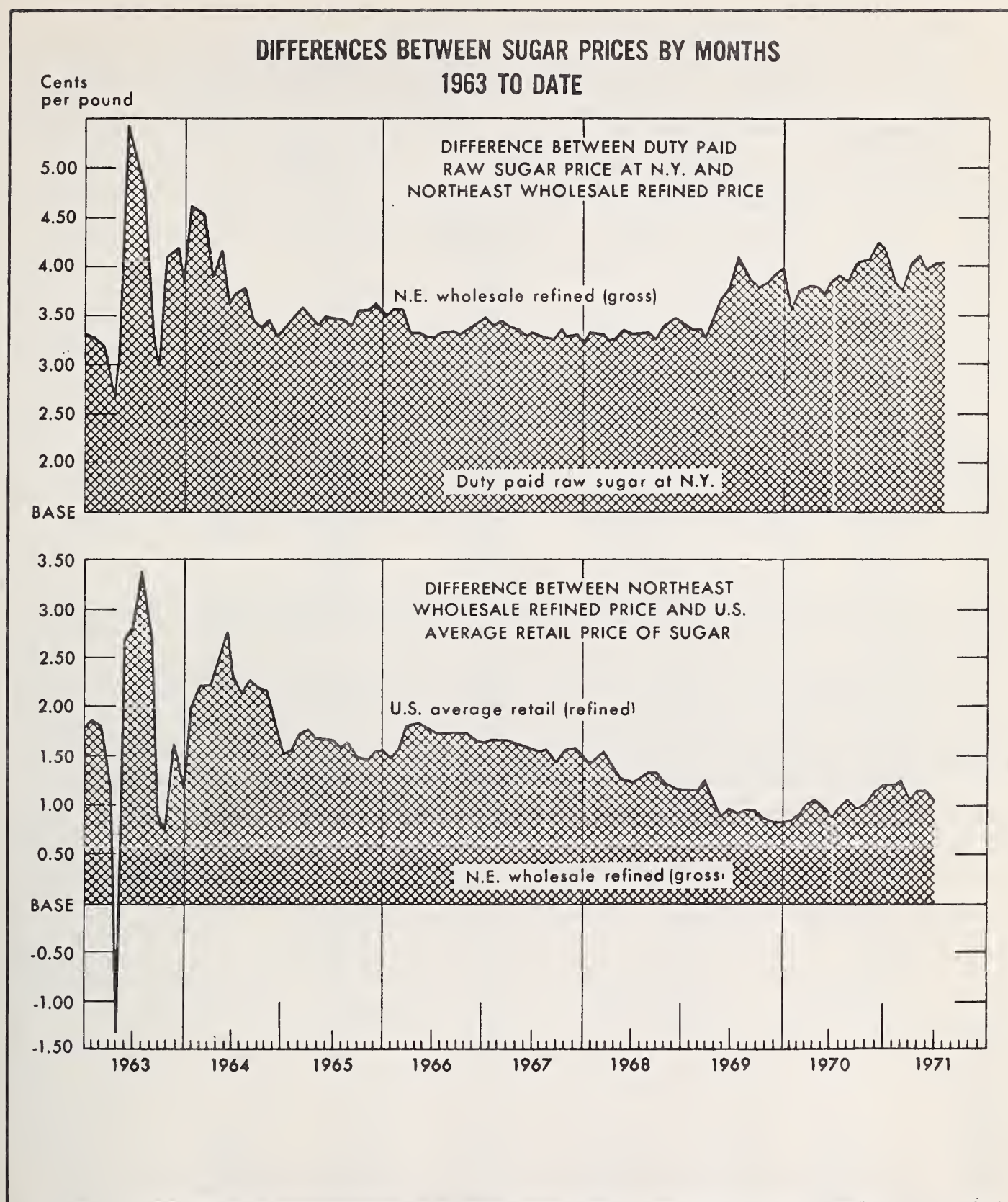


Figure 7

Table 13- Prices of sugar, of all foods, and of all items

Period	Raw sugar	Refined sugar		All food		All items
	duty paid	Wholesale	Retail	Wholesale:	Retail	retail
	N.Y.	Northeast ^{1/}	U.S.av. ^{2/}	U.S.av.:	U.S. av.	U.S. av/
	(1)	(2)	(3)	(4)	(5)	(6)
Prices (cents per pound)						
Price index (1967 =100)						
1957	6.24	9.15	11.03	90	85	84
1958	6.27	9.27	11.26	95	88	87
1959	6.24	9.33	11.43	91	87	87
1965	6.75	10.22	11.80	96	94	94
1966	6.99	10.36	12.04	102	99	97
1967	7.28	10.62	12.19	100	100	100
1968	7.52	10.84	12.18	103	104	104
1969	7.75	11.44	12.40	110	109	110
1970	8.07	11.97	12.97	114	115	116
Month 1971						
January	8.35	12.20	13.40	112	116	119
February	8.44	12.20	13.44	114	116	119
March	8.37	12.40	13.46	115	117	120
April	8.29	12.40	13.54	115	118	120
May	8.46	12.40	13.54	116	118	121
June	8.54	12.55	13.60	117	119	122
July	8.58	12.60	13.64	116		

^{1/} Gross subject to a 2 percent cash discount. Comparable to series formerly referred to as wholesale price at New York. Recently prices for New York metropolitan area have varied slightly at times from prices for the northeast.

^{2/} The Bureau of Labor Statistics reports price on 5-pound package; price shown is pound equivalent.

^{3/} New series beginning January 1964 which may not be strictly comparable with data for earlier periods. Source: Column (1) New York Coffee and Sugar Exchange Contract No. 10, (bulk), except 1961 to November 21, 1966, contract No.7 (bulk). Column (2) Lamborn Sugar Market Reports, Column (3) Bureau of Labor Statistics. Column (4) Bureau of Labor Statistics Average Price Index. Columns (5) and (6) Bureau of Labor Statistics 'Monthly Consumers' Price Index. (all items and commodity groups).

Table 14-Wholesale prices of sugar (actual and adjusted), prices of all goods, per capita disposable income, and sugar distribution

Year	Sugar	Prices of	Per capita	Sugar price	Sugar distribution		
	price	all foods	disposable	adjusted for			
	net cash ^{1/}	(wholesale)	income	change in	Prices of	per capita	
	Northeast				all foods:	disposable	Total
					income	income	Per capita
	(cents per pound)	(Index numbers 1935-39=100)		(Cents per pound)		(1,000 short tons, raw value)	(Pounds, raw value)
1935-39 average	4.67	100	100	4.67	4.67	6,704	104
1947-49 average	7.84	210	242	3.73	3.24	7,457	102
1957-59 average	9.06	223	359	4.06	2.52	8,982	103
1965	10.02	233	473	4.30	2.11	10,020	104
1966	10.15	247	505	4.13	2.01	10,299	105
1967	10.41	242	535	4.30	1.95	10,245	104
1968	10.62	251	573	4.23	1.86	10,927	109
1969	11.21	265	609	4.23	1.85	10,655	106
1970	11.73	276	653	4.25	1.80	11,310	111
1971							
January-March average	12.02	276	681 ^{2/}	4.36	1.77	813	
April-June average	12.20	281	697 ^{2/}	4.34	1.75	934	

^{1/} Comparable to series formerly referred to as wholesale price at New York. Recently prices for New York metropolitan area have varied slightly at times from prices for the Northeast.

^{2/} Preliminary

Table 15 Domestic raw sugar price, duty paid, New York: Parity index, domestic raw sugar price adjusted for changes in parity index

Period	Domestic raw sugar price ^{1/} duty paid NY	Parity index (price paid by farmers)	Domestic raw sugar price adjusted for change in parity price ^{2/}	Quoted price as percentage of adjusted price 1957-59=100
	Cents per pound	1910-14=100	Cents per pound	Percent
1957	6.20	287	6.08	101.9
1958	6.23	294	6.23	100.0
1959	6.20	298	6.32	98.1
<u>1957-59 average</u>	6.21	293	6.21	100.0
1960	6.26	300	6.36	98.4
1961	6.30	302	6.40	98.4
1962	6.45	307	6.51	99.1
1963	8.18	312	6.61	123.8
1964	6.90	313	6.63	104.1
1965	6.75	321	6.80	99.3
1966	6.99	334	7.08	98.7
1967	7.28	342	7.25	100.4
1968	7.52	355	7.52	100.0
1969	7.75	373	7.91	98.0
1970	8.07	390	8.27	97.6
<u>1970</u>				
January	8.11	384	8.14	99.6
February	7.96	386	8.18	97.3
March	7.90	386	8.18	96.6
April	7.90	389	8.24	95.9
May	8.16	389	8.24	99.0
June	8.22	390	8.27	99.4
July	8.16	389	8.24	99.0
August	8.19	389	8.24	99.4
September	8.16	393	8.33	98.0
October	8.14	394	8.35	97.5
November	7.96	395	8.37	95.1
December	8.02	397	8.41	95.4
<u>1971</u>				
January	8.35	399	8.46	98.7
February	8.44	403	8.54	98.8
March	8.37	404	8.56	97.8
April	8.29	407	8.63	96.1
May	8.46	410	8.69	97.4
June	8.54	412	8.73	97.8
July	8.58	410	8.69	98.7
August				
September				
October				
November				
December				

^{1/} Quotations by New York Coffee and Sugar Exchange for Contract No. 6 in bags c.i.f. New York plus 0.50 cent duty (Cuban rate) less 0.04 cent to approximate "bag allowance" on bulk sugar through 1960. Quotations beginning in 1961 are for Exchange Contract No. 7 raw sugar in bulk, duty paid, New York, which beginning November 21, 1966 was replaced by Contract No. 10.

^{2/} Price to be considered under Section 201, Sugar Act of 1948, as amended December 1965, in establishing annual sugar requirements after consideration has been given to consumption, inventory, population, the level and trend of consumer purchasing power and other demand factors.

Table 16 Wholesale prices of selected ingredients in sugar containing products

Year	Sugar refined Northeast gross	Dextrose hydrate New York ^{1/}	Corn sirup 38-49 d.e.	Cocoa beans accra,fair fermented New York	Peanuts average received by farmers ^{2/}	Wheat flour Kansas City ^{3/}	Milk 3.5% butter- fat f.o.b. factory ^{4/}
Index: 1935 -39 = 100							
1960	198.0	198.6	206.7	468.9	298.5	234.9	215.1
1961	197.4	197.8	204.2	372.1	325.4	249.0	219.4
1962	201.6	196.5	198.0	141.0	328.4	261.0	209.4
1963	250.7	222.3	208.4	414.8	334.3	259.2	210.8
1964	224.3	216.1	182.1	383.6	334.3	276.0	217.3
1965	214.6	212.4	187.5	282.0	340.3	282.5	221.6
1966	217.6	216.7	189.2	403.3	337.3	302.4	259.0
1967	223.0	222.3	190.6	468.9	340.3	282.9	266.2
1968	227.6	226.5	178.2	563.9	355.2	282.5	275.5
1969	240.2	238.4	176.8	750.8	367.2	289.7	288.5
1970	251.4	249.1	191.7	555.7	382.1	306.2	305.0
1970							
January	256.2	256.0	205.0	475.4	388.1	308.6	309.0
February	256.2	256.0	205.0	506.6	358.2	308.6	305.0
March	260.4	259.4	206.4	447.5		308.6	307.2
April	260.4	263.1	208.1	447.5		308.6	315.1
May	260.4	263.1	208.1	414.8		308.6	315.1
June	263.5	263.1	208.1	439.3		308.6	315.1
July	264.6	263.1	208.1	506.6		308.6	

^{1/} Beginning 1964 dextrose, 600 bag carload and corn sirup, tank cars f.o.b. N.Y.

^{2/} Year beginning August

^{3/} Hard winter, short patents, season average year beginning July

^{4/} Price paid producers by condenseries

Table 17-Production of sweetener containing products

Index: 1957-59=100

Calendar year or month	Bakery products	confec- tionery	Ice-cream and dairy products	Beverages	Canned, bottled and frozen foods	Other foods not else- where classified	Combined averages
1960	105.2	103.9	106.5	105.1	116.1	107.1	107.0
1961	107.3	111.8	108.4	109.1	125.5	109.3	112.1
1962	110.5	112.2	110.9	118.8	137.2	113.1	117.6
1963	113.7	117.9	114.0	131.0	138.9	115.5	123.1
1964	115.9	120.5	117.4	138.5	142.9	118.4	127.0
1965	116.5	123.8	120.7	149.9	160.7	122.2	133.9
1966	117.5	132.2	120.3	167.7	181.2	124.0	143.5
1967	121.7	137.4	121.8	176.5	181.6	126.9	148.2
1968	126.1	137.2	123.3	197.4	185.1	130.5	155.6
1969	127.6	136.5	123.6	197.5	205.4	133.0	159.0
1970	130.1	128.9	137.0	n.a.	208.0	134.7	n.a.
1971							
January	127.3	129.2	96.4	n.a.	163.6	132.5	n.a.
February	128.1	147.1	107.0	n.a.	165.8	134.1	n.a.
March	126.1	128.1	114.4				
April	126.5		125.7				
May							
June							

Source: Applicable Federal Reserve Board group and sub-group indexes were arranged as nearly as practicable to match as to content sugar deliveries by types of buyers as shown in Sugar Reports and then weighted in each calendar year proportionately by the reported deliveries of sugar, corn sirup and dextrose by type of buyer in each calendar year for the period 1957-67. For subsequent years the 1967 proportions were used because that is the last year for which complete data are available for all three of the sweeteners. The 1969-70 data for beverages were computed from other data on total beverage production minus the production of alcoholic beverages. n.a. - Not available

WHOLESALE PRICES OF SELECTED INGREDIENTS IN SUGAR CONTAINING PRODUCTS

Percent of
1935-39

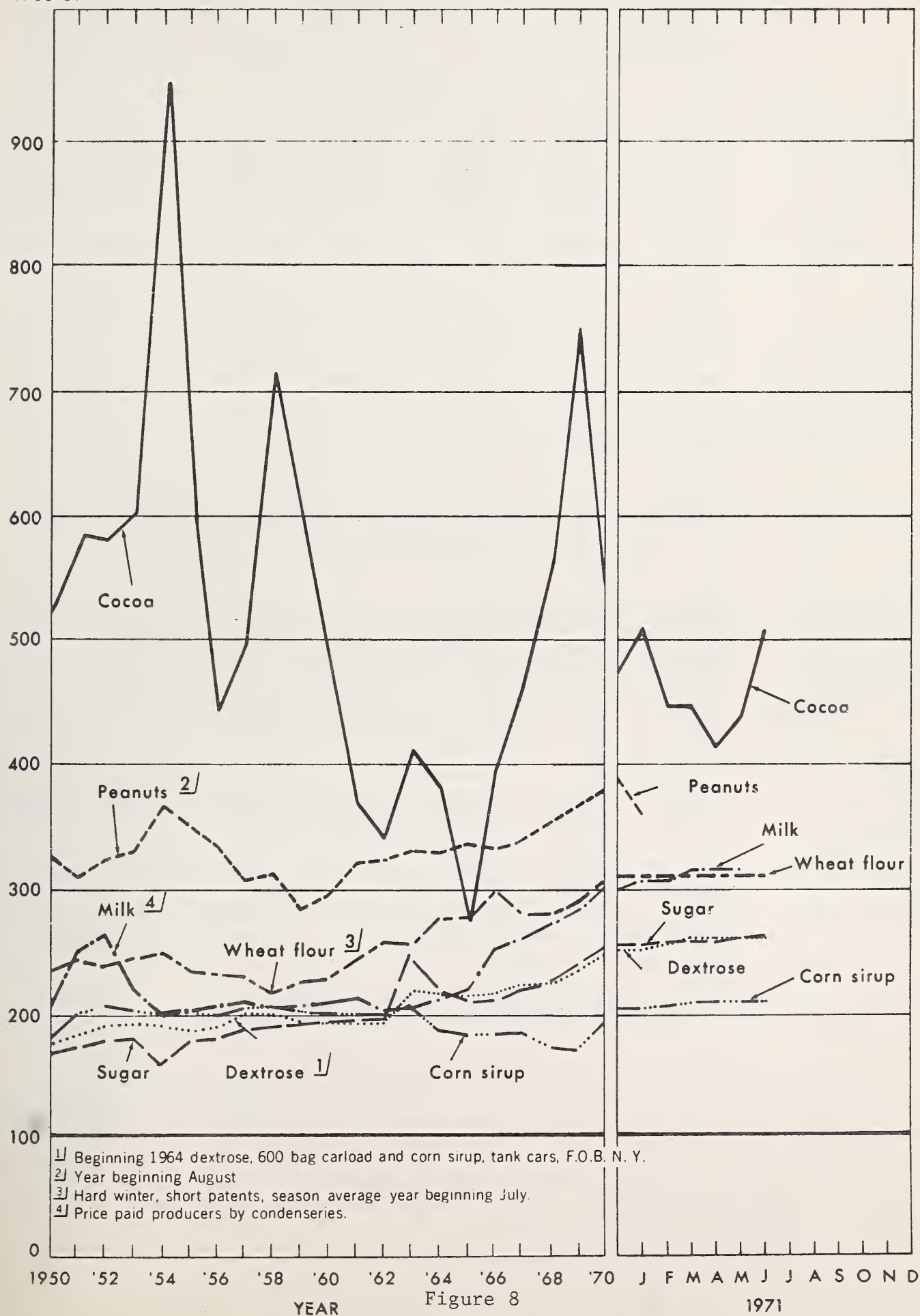


Table 18.-Basic and adjusted sugar quotas 1965 to 1971

Year	Basic quotas - final						
	1965	1966	1967	1968	1969	1970	1971 ^{1/}
Short tons, raw value							
<u>Domestic</u>							
Domestic beet	3,025,000	3,025,000	3,215,667	3,311,000	3,215,667	3,597,000	3,406,333
Mainland cane	1,100,000	1,100,000	1,169,333	1,204,000	1,169,333	1,308,000	1,238,667
Hawaii	1,136,753	1,200,227	1,252,543	1,191,704	1,190,673	1,145,486	1,110,000
Puerto Rico	1,140,000	1,140,000	1,140,000	1,140,000	1,140,000	1,140,000	1,140,000
Virgin Islands	15,232	15,000	15,000	15,000	15,000	15,000	15,000
Total domestic areas	6,416,985	6,480,227	6,792,543	6,861,704	6,730,673	7,205,486	6,910,000
<u>Foreign</u>							
Basic quota ^{2/}	3,494,798	3,894,773	4,007,457	4,138,296	4,069,327	4,394,514	4,290,000
Global quota	-	-	-	-	-	-	-
Total foreign areas	3,494,798	3,894,773	4,007,457	4,138,296	4,069,327	4,394,514	4,290,000
TOTAL REQUIREMENTS	9,911,783	10,375,000	10,800,000	11,000,000	10,800,000	11,600,000	11,200,000
Area	Adjusted quotas - final						
	1965	1966	1967	1968	1969	1970	1971
Short tons, raw value							
<u>Domestic</u>							
Domestic beet	3,025,000	3,025,000	3,215,667	3,115,667	3,215,667	3,597,000	3,406,333
Mainland cane	1,100,000	1,100,000	1,169,333	1,204,000	1,169,333	1,308,000	1,238,667
Hawaii	1,136,753	1,200,227	1,252,543	1,191,704	1,190,673	1,145,486	1,110,000
Puerto Rico	815,000	711,000	725,000	515,000	370,897	360,000	180,000
Virgin Islands	5,232	5,405	-	-	-	-	-
Total domestic areas	6,081,985	6,041,632	6,362,543	6,026,371	5,946,570	6,410,486	5,935,000
<u>Foreign</u>							
Basic quota ^{2/}	3,494,798	3,841,138	4,006,996	4,119,578	3,995,869	4,392,059	4,290,000
Deficit allocation	335,000	492,230	430,461	854,051	857,561	797,455	975,000
Global quota	-	-	-	-	-	-	-
Total foreign areas	3,829,798	4,333,368	4,437,457	4,973,629	4,853,430	5,189,514	5,265,000
TOTAL REQUIREMENTS	9,911,783	10,375,000	10,800,000	11,000,000	10,800,000	11,600,000	11,200,000

^{1/} Basic quotas and adjusted quotas as of August 15, 1971^{2/} Beginning 1965 includes proration of quotas withheld from Cuba and Southern Rhodesia.

Table 19- Final basic sugar quotas for foreign countries, 1965 to 1971

Area	1965	1966	1967	1968	1969	1970	1971 ^{1/}
Short tons, raw value							
Philippines	1,073,000	1,123,305	1,126,020	1,126,020	1,126,020	1,126,020	1,126,020
Argentina	68,723	52,776	55,262	58,075	56,360	63,398	60,960
Australia	200,307	187,127	190,539	196,102	192,937	206,270	203,785
Bahamas					10,000	10,000	10,000
Belgium	1,937						
Bolivia		5,108	5,347	5,619	5,453	6,136	5,900
Brazil	238,351	429,016	449,225	472,095	458,146	515,371	495,554
British Honduras	4,528	11,469	11,679	12,019	11,824	12,642	12,493
British West Indies	131,555	157,447	160,318	164,995	162,324	173,542	171,499
China, Republic of	72,436	77,969	79,391	81,709	80,390	85,946	84,910
Colombia	30,260	45,398	47,537	49,957	48,481	54,537	52,440
Costa Rica	37,588	51,982	52,889	55,577	53,936	60,672	58,339
Dominican Republic	415,405	429,016	449,233	472,101	458,146	515,371	495,554
Ecuador	53,313	62,423	65,362	68,690	66,662	74,987	72,105
El Salvador	18,671	32,124	32,686	34,347	33,332	37,493	36,050
Fiji Islands	48,823	41,064	41,813	43,034	42,339	45,265	44,719
France	6,103						
French West Indies	46,253	49,528	50,431	51,904	51,062	54,590	53,949
Guatemala	37,831	43,806	44,571	46,836	45,451	51,127	49,162
Haiti	20,010	23,835	24,957	26,227	25,452	28,631	27,531
Honduras			5,332	5,619	5,453	6,136	5,900
India	103,919	74,850	76,216	78,441	77,175	82,508	81,514
Ireland	2,398	5,351	5,351	5,351	5,351	5,351	5,351
Malagasy Republic	7,871	8,836	8,997	9,261	9,111	9,740	9,623
Mauritius	16,008	17,153	17,466	17,976	17,686	18,909	18,681
Mexico	420,516	438,665	459,329	482,712	468,448	526,959	506,698
Nicaragua	43,746	51,982	52,889	55,577	53,936	60,672	58,339
Panama	15,629	31,779	33,276	34,972	33,938	38,177	36,708
Peru	259,287	342,192	358,312	376,554	365,425	411,068	395,264
Reunion	2,373						
South Africa	103,862	55,098	56,103	57,741	56,808	60,735	60,003
Southern Rhodesia ^{2/}	0	0	0	0	0	0	0
Swaziland	9,648	6,757	6,881	7,082	6,967	7,448	7,359
Thailand		17,153	17,466	17,976	17,686	18,909	18,681
Turkey	1,574						
Venezuela	2,873	21,564	22,579	23,727	23,028	25,904	24,909
Total ^{3/}	3,494,798	3,894,773	4,007,457	4,138,296	4,069,327	4,394,514	4,290,000

^{1/} As of August 15, 1971^{2/} Beginning 1965 quota withheld and prorated to Western Hemisphere countries pursuant to Section 202(d) (1) (B) of the Sugar Act.^{3/} Beginning 1965 includes proration of quotas withheld from Cuba and Southern Rhodesia.

Table 20.- Final adjusted sugar quotas for foreign countries^{1/} 1965 to 1971

Area	1965	1966	1967	1968	1969	1970	1971 ^{2/}
Short tons, raw value							
Philippines	1,178,216	1,202,978	1,126,020	1,126,020	1,126,020	1,301,020	1,586,415
Argentina	68,723	58,820	63,964	76,255	78,809	78,509	71,756
Australia	200,307	187,786	190,539	203,276	192,937	206,270	203,785
Bahamas					10,000	10,000	10,000
Belgium	1,937						
Bolivia		4,681	6,102	7,103	7,625	7,599	6,945
Brazil	269,243	478,143	512,651	619,881	640,638	638,210	583,321
British Honduras	5,115	12,884	13,378	15,880	16,568	15,782	14,743
British West Indies	148,605	176,886	183,641	217,971	227,455	216,645	202,373
China, Republic of	72,436	78,243	79,391	84,698	80,390	85,946	84,910
Colombia	34,182	50,597	54,250	65,594	67,792	67,537	61,728
Costa Rica	42,459	71,527	60,357	73,264	75,420	75,133	68,671
Dominican Republic	469,244	602,931	618,131	707,030	693,068	678,209	633,321
Ecuador	60,223	69,570	74,591	90,193	93,216	92,860	84,875
El Salvador	21,091	44,204	37,301	45,279	46,609	46,429	42,435
Fiji Islands	48,823	41,209	41,813	44,608	42,339	45,265	44,719
France	6,103						
French West Indies	52,248	55,644	57,767	66,237	71,550	68,149	63,661
Guatemala	42,734	60,277	50,863	61,743	63,557	63,314	57,869
Haiti	22,603	26,564	28,480	27,420	17,419	26,176	32,408
Honduras			6,085	7,406	7,625	7,599	6,945
India	103,919	73,403	76,216	81,311	77,175	82,508	81,514
Ireland	2,398	5,351	5,351	5,351	5,351	5,351	5,351
Malagasy Republic	7,871	8,867	8,997	9,600	9,111	9,740	9,623
Mauritius	16,008	17,213	17,466	18,633	17,686	18,909	18,681
Mexico	475,017	488,896	524,181	633,819	655,044	652,559	596,438
Nicaragua	49,416	19,000	52,889	54,835	71,925	75,133	68,671
Panama	17,655	13,000	32,815	37,439	44,440	39,500	43,209
Peru	292,892	381,375	408,901	494,431	300,000	455,991	465,269
Reunion	2,373						
South Africa	103,862	55,292	56,103	59,854	56,808	60,735	60,003
Southern Rhodesia	0	0	0	0	0	0	0
Swaziland	9,648	6,781	6,881	7,342	6,967	7,448	7,359
Thailand		17,213	17,466		17,686	18,909	18,681
Turkey	1,574						
Venezuela	2,873	24,033	25,767	31,156	32,200	32,079	29,321
Total	3,829,798	4,333,368	4,437,457	4,973,629	4,853,430	5,189,514	5,265,000

^{1/} Basic quotas shown in Table 19 as adjusted for deficits and deficit prorations for each year shown.

^{2/} As of August 15, 1971

Table 21- Production, field worker requirements, and earnings of field workers for domestic sugar producing areas 1959-70 crops

Crop year	Louisiana	Florida	Hawaii <u>1/</u>	Puerto Rico <u>2/</u>	Beet area
<u>Number of farms</u>					
1959	2,686	14	787	15,976	25,259
1960	2,547	13	681	14,973	24,219
1961	2,534	19	706	14,230	24,319
1962	2,413	111	587	13,157	22,856
1963	2,308	111	612	12,317	22,801
1964	2,301	182	535	11,608	23,968
1965	2,218	178	578	10,770	22,615
1966	2,080	169	529	9,826	19,542
1967	1,912	153	569	8,795	17,775
1968	1,794	143	518	7,753	18,452
1969	1,687	134	528	6,531	18,431
1970	1,589	135	504	5,565	16,623 *
<u>Acreage harvested</u>					
1959	249,830	46,404	110,371	344,596	897,112
1960	255,357	48,941	103,584	327,961	961,993
1961	277,308	56,143	108,320	328,138	1,091,054
1962	253,689	114,289	108,600	308,644	1,101,027
1963	295,492	139,932	107,436	303,041	1,249,231
1964	325,231	219,802	110,759	303,142	1,393,400
1965	288,344	185,433	109,600	287,644	1,240,093
1966	288,483	190,695	111,005	272,844	1,160,880
1967	293,811	190,639	111,837	263,336	1,135,833
1968	282,397	182,059	113,526	237,143	1,442,385
1969	235,090	153,549	113,236	180,069	1,563,031
1970	265,692	170,006	113,815	188,775	1,367,000 *
<u>Production of cane or beets</u>					
<u>Net weight of cane or beets in short tons</u>					
1959	5,072,611	1,770,828	9,416,225	10,181,755	16,756,507
1960	5,582,687	1,553,606	8,613,317	10,000,728	16,617,844
1961	7,118,497	2,035,893	9,595,342	10,754,016	17,926,984
1962	5,315,415	4,050,199	9,812,580	9,663,265	18,236,098
1963	8,554,103	4,446,459	10,033,969	10,122,518	23,405,714
1964	7,383,164	6,438,759	10,495,175	9,802,223	23,642,677
1965	6,542,184	5,505,458	10,737,507	8,806,972	20,470,009
1966	6,562,729	6,057,294	10,969,920	9,465,009	20,478,032
1967	8,110,847	6,542,451	11,045,949	8,160,195	19,598,399
1968	7,376,941	5,367,659	11,279,920	6,590,296	25,670,087
1969	5,676,089	5,196,840	10,839,271	5,896,834	28,780,235
1970	6,926,524	5,670,940	10,457,376	5,890,755	25,177,000*
<u>Yield of cane or beets per harvested acre</u>					
<u>Short tons</u>					
1959	20.30	38.16	85.31	29.55	18.68
1960	21.86	31.74	83.15	30.79	17.27
1961	25.67	36.26	88.58	32.77	16.43
1962	20.95	35.44	90.36	31.31	16.56
1963	28.95	31.78	93.39	33.40	18.74
1964	22.70	29.29	94.76	32.34	16.97
1965	22.69	29.69	97.97	30.62	16.51
1966	22.75	31.76	98.82	34.69	17.64
1967	27.61	34.32	98.77	30.99	17.25
1968	26.12	29.48	99.36	27.79	17.80
1969	24.14	33.84	95.72	32.75	18.41
1970	26.07	33.36	91.88	31.21	18.42*

continued

Table 21- Production field worker requirements, and earnings of field workers for domestic sugar producing areas 1959-70

Crop year	Louisiana	Florida	Hawaii	Puerto Rico. 2/	Beet area
<u>Production of sugar</u>					
<u>Short tons, raw value^{3/}</u>					
1959	440,604	174,730	974,632	1,087,029	2,301,928
1960	469,856	159,539	935,744	1,019,442	2,474,533
1961	649,514	207,758	1,092,481	1,109,712	2,430,595
1962	471,601	380,372	1,120,011	1,008,943	2,595,347
1963	759,473	424,375	1,100,768	989,235	3,086,441
1964	572,710	574,415	1,178,770	989,439	3,331,711
1965	550,035	554,131	1,217,667	896,943	2,816,099
1966	562,290	652,260	1,234,121	883,442	2,852,623
1967	740,234	717,272	1,191,042	818,294	2,693,537
1968	668,667	545,577	1,232,182	645,466	3,489,564
1969	537,429	534,857	1,182,414	483,422	3,481,055
1970	602,361	651,620	1,162,071	460,055	3,325,000 *
<u>Yield of sugar per harvested acre</u>					
<u>Short tons, raw value</u>					
1959	1.76	3.77	8.83	3.15	2.57
1960	1.84	3.26	9.03	3.11	2.57
1961	2.34	3.70	10.09	3.38	2.23
1962	1.86	3.33	10.31	3.27	2.36
1963	2.57	3.03	10.25	3.26	2.47
1964	1.76	2.61	10.64	3.26	2.39
1965	1.91	2.99	11.11	3.12	2.27
1966	1.95	3.42	11.12	3.24	2.46
1967	2.52	3.76	10.65	3.11	2.37
1968	2.37	3.00	10.85	2.72	2.42
1969	2.29	3.48	10.44	2.68	2.23
1970	2.27	3.83	10.21	2.44	2.43 *
<u>Percentage of sugar recovered from cane or beets produced</u>					
1959	8.69	9.87	10.35	10.68	13.74
1960	8.42	10.27	10.86	10.19	14.89
1961	9.12	10.20	11.39	10.32	13.56
1962	8.87	9.39	11.41	10.44	14.23
1963	8.88	9.54	10.97	9.77	13.19
1964	7.76	8.92	11.23	10.09	14.09
1965	8.41	10.07	11.34	10.18	13.76
1966	8.57	10.77	11.25	9.33	13.93
1967	9.13	10.96	10.78	10.03	13.74
1968	9.06	10.16	10.92	9.79	13.59
1969	9.47	10.29	10.91	8.20	12.10
1970	8.70	11.49	11.11	7.81	13.21 *
<u>Number of persons working on farms^{4/}</u>					
1959	20,000	2,200	8,300	97,000	100,000
1960	20,000	3,500	8,000	95,000	92,000
1961	21,000	4,400	7,700	97,000	103,000
1962	20,000	6,500	7,300	94,000	103,000
1963	22,000	7,500	7,000	95,000	104,000
1964	23,000	10,000	7,000	91,000	103,000
1965	21,000	9,000	6,900	81,000	94,000
1966	21,000	9,500	6,700	70,000	88,000
1967	20,200	10,300	6,600	60,000	84,000
1968	18,200	9,200	6,400	49,000	86,000
1969	15,200	8,500	6,200	38,000	83,000
1970	17,500	9,500	5,900	32,000	71,000 *

Continued

Table 21.- Production, field worker requirements, and earnings of field workers for domestic sugar production areas, 1959-70 crops - continued

Crop year	Louisiana	Florida	Hawaii	Puerto Rico ^{2/}	Beet area
Man-hours per acre ^{5/}					
1959	89.51	81.32	149.23	279.15	55.00
1960	76.14	75.76	150.98	271.91	52.94
1961	74.22	88.13	140.25	275.81	46.38
1962	71.72	83.35	141.87	264.80	48.10
1963	80.96	76.42	138.99	292.94	48.16
1964	71.56	61.88	125.13	286.91	48.04
1965	77.66	57.53	120.21	251.07	45.17
1966	59.24	59.13	116.76	268.86	45.81
1967	58.51	55.31	113.32	249.45	44.27
1968	57.02	50.67	108.28	233.68	40.37
1969	56.13	56.20	98.55	260.58	40.34
1970	56.34	54.35	97.00	250.34	39.92*
Man-hours per ton of cane or beets ^{5/}					
1959	4.42	2.13	1.75	9.46	2.94
1960	3.48	2.39	1.82	8.92	3.07
1961	2.89	2.43	1.58	8.42	2.82
1962	3.42	2.35	1.57	8.46	2.90
1963	2.80	2.40	1.49	8.77	2.57
1964	3.15	2.11	1.32	8.87	2.83
1965	3.20	1.94	1.23	8.20	2.74
1966	2.61	1.86	1.18	7.75	2.61
1967	2.12	1.61	1.15	8.05	2.57
1968	2.18	1.72	1.09	8.41	2.27
1969	2.33	1.66	1.03	7.96	2.19
1970	2.16	1.63	1.06	8.02	2.17 *
Man-hours per ton of sugar (raw value) ^{5/}					
1959	50.86	21.57	16.90	88.62	21.40
1960	41.38	23.24	16.72	87.43	20.60
1961	31.72	23.82	13.90	81.60	20.80
1962	38.56	25.03	13.76	80.98	20.38
1963	31.50	25.22	13.56	89.86	19.50
1964	40.66	23.71	11.76	88.01	20.10
1965	38.06	19.24	10.82	80.47	19.90
1966	30.38	17.29	10.50	82.98	18.70
1967	23.22	14.71	10.64	80.21	18.60
1968	24.06	16.89	9.98	85.91	16.68
1969	24.62	16.15	9.44	97.23	18.09
1970	24.82	14.19	9.50	102.60	16.43*

Continued

Table 21- Production, field worker requirements, and earnings of field workers for domestic sugar producing areas, 1959-70 crops - continued

Crop year	Louisiana	Florida	Hawaii		Puerto Rico ^{2/}	Beet area
			Earnings	Fringe benefits		
<u>Weighted average earnings per hour of field workers^{6/}</u>						
<u>Dollars per hour</u>						
1959	0.710	0.991	1.753	0.521	0.497	1.094
1960	0.765	1.051	1.794	0.557	0.522	1.117
1961	0.786	1.105	1.919	0.605	0.546	1.132
1962	0.826	1.131	2.003	0.734	0.564	1.160
1963	1.121	1.280	2.100	0.750	0.584	1.220
1964	1.068	1.348	2.308	0.750	0.608	1.290
1965	1.157	1.458	2.436	0.800	0.614	1.380
1966	1.221	1.584	2.617	0.800	0.631	1.471
1967	1.315	1.773	2.784	0.900	0.660	1.570
1968	1.486	1.901	2.836	1.050	0.693	1.680
1969	1.651	2.040	3.083	1.200	0.814	1.824
1970	1.781	2.162	3.248	1.250	0.847	1.930

Note: The foregoing data are revised from time to time as later information becomes available. Production data for all years are based upon statistics regularly compiled by the Sugar Division from industry sources. Data regarding man-hours and earnings per hour of field workers were taken from the best available sources and are believed to be reliable in a degree that permits a generalized comparison among areas. Estimates of the peak number of persons working on farms are difficult to ascertain and both primary and secondary source material have been used. Man-hour data reflect the most recent information available and have been stated on a raw value equivalent basis for all areas to achieve uniformity. Data for the 1946 through 1959 crops are included in Sugar Reports 113, September 1961, Table 26.

^{1/} Data for Hawaii include plantation farms and independent grower farms from which sugarcane was harvested in each year shown. In addition, sugarcane was cultivated during each year shown, for harvest in subsequent year, on the following estimated number of farms: 1959-326; 1960-356; 1961-254; 1962-258; 1963-211; 1964-287; 1965-240; 1966- 269; 1967 - 216; 1968-250; 1969-225; 1970 - 234.

^{2/} Data are for the 1958-59 crop through the 1969-70 crop.

^{3/} Sugar produced from beets is refined sugar but for purposes of comparability production is shown as the raw value equivalent.

^{4/} Estimated peak number of persons working on farms during crop, including working farm operators and unpaid family workers.

^{5/} Data include all labor utilized in the production of sugarcane or sugarbeets (including supervision) other than administrative and employee services.

^{6/} Based on average hourly cash earnings of workers employed on time or piece work rate basis. In addition, workers receive non-cash benefits valued at 5 to 35 cents per hour except in Hawaii. Fringe benefits to workers in Hawaii are listed above.

* Preliminary.

Table 22- Number of production workers, hourly earnings of production workers, total wages and salaries, value added by manufacture, and ratio of wages and salaries to value added by manufacture in the domestic sugar industry (continental and offshore) including farms

Group	Year	Production workers		Wages	Value	Ratio of
		Employees	Average	and	added	wages and
				salaries	by	salaries
				total	manufacture	to value
		number 1/	per hour 2/			added by
						manufacture
		Thousands	Dollars	Millions of dollars		Percent
Farms ^{4/}	1962	230.8	0.92	179.6	556.9	32.2
	1963	235.6	1.00	221.9	719.0	30.9
	1964	234.0	1.04	239.6	647.4	37.0
	1965	211.9	1.10	218.2	594.4	36.7
	1966	195.2	1.17	227.8	630.4	36.1
	1967	181.1	1.27	222.5	660.0	33.7
	1968	168.8	1.41	232.0	727.7	31.9
	1969	150.9	1.59	240.6	715.5	33.6
Raw cane mills ^{4/}	1962	21.7	1.67	50.2	125.7	39.9
	1963	22.0	1.70	57.8	174.7	33.1
	1964	20.5	1.89	62.2	129.0	48.2
	1965	19.6	2.06	59.6	121.8	48.9
	1966	17.9	2.15	63.3	138.6	45.7
	1967	19.6	2.30	68.6	152.0	45.1
	1968	18.8	2.41	66.1	134.4	49.2
	1969	17.3	2.55	64.5	120.1	53.7
Cane sugar refiners	1962	14.7	3.07	89.0	234.0	38.0
	1963	14.1	3.24	90.8	254.5	35.7
	1964	10.5	3.34	87.6	204.5	42.8
	1965	10.1	3.49	85.0	268.0	31.7
	1966	9.6	3.64	88.1	262.8	33.5
	1967	9.7	3.70	92.7	308.5	30.0
	1968	10.4	3.83	94.0	294.7	31.9
	1969	10.2	4.05	96.2	327.2	29.4
Beet sugar processors	1962	25.4	2.26	55.3	166.9	33.1
	1963	25.7	2.38	59.6	198.7	30.0
	1964	24.4	2.47	67.8	191.5	35.4
	1965	23.5	2.59	67.6	199.8	33.8
	1966	23.9	2.71	67.7	220.3	30.8
	1967	21.1	2.77	68.4	209.1	32.7
	1968	24.7	3.01	77.0	276.5	27.8
	1969	27.3	3.10	86.7	236.7	36.6

1/ Estimates - approximate peak number of employees. Data for farms include hired workers, farm operators and unpaid family workers. Data for processing include production workers only. 2/ Data for farms do not include payments in kind such as housing, garden plots, etc. 3/ For farms, value added by manufacture is total crop value including processor payments and allowances and government payments. For all of the other groups, value added by manufacture is calculated by subtracting the cost of materials, supplies and containers, fuel, purchased electric energy, and contract work from total value of shipments, except for raw cane mills, the total returns from sales of sugar and net returns from molasses and bagasse, where applicable are used.

4/ Crop years.

Table 23.- Number of employees and hourly earnings of production workers in specified food industries in the United States ^{1/}

Industry group ^{2/}	Year	Number of employees ^{3/}			Earnings per hour produc- tion workers
		Total	Production workers	Salaried employees	
		Thousands			Dollars
Grain mill and bakery products	1962	308.7	179.9	128.9	2.26
	1963	293.1	173.8	119.3	2.41
	1964	288.0	170.3	117.6	2.44
	1965	290.1	174.1	115.9	2.54
	1966	286.2	171.8	114.4	2.64
	1967	277.4	170.2	107.2	2.84
	1968 ^{4/}	269.1	165.7	103.4	2.97
	1969	279.4	171.7	107.7	3.11
Confectionery and related products	1962	80.2	63.8	16.4	1.92
	1963	78.0	63.7	14.3	1.99
	1964	79.7	65.1	14.6	2.06
	1965	79.3	65.4	13.9	2.12
	1966	81.3	67.0	14.4	2.22
	1967	83.2	68.8	14.4	2.36
	1968 ^{4/}	82.8	68.3	14.5	2.52
	1969	83.3	68.5	14.8	2.63
Dairy products	1962	44.8	25.8	19.0	2.22
	1963	41.6	25.0	16.7	2.41
	1964	40.5	24.6	15.9	2.47
	1965	39.3	24.5	14.8	2.52
	1966	40.8	24.0	16.9	2.65
	1967	37.5	23.7	13.8	2.85
	1968 ^{4/}	36.2	22.9	13.3	3.04
	1969	35.1	22.3	12.8	3.15
Bottled soft drinks	1962	105.4	41.4	64.0	1.70
	1963	106.8	40.6	66.2	1.88
	1964	111.1	41.0	70.1	1.93
	1965	113.9	42.1	71.8	2.03
	1966	117.7	43.7	73.9	2.14
	1967	123.4	46.7	76.7	2.30
	1968 ^{4/}	124.1	47.7	76.4	2.43
	1969	128.6	49.4	79.2	2.62
Canning, preserving, and freezing	1962	180.1	157.4	22.7	1.73
	1963	182.2	158.6	23.6	1.82
	1964	183.8	158.9	25.0	1.91
	1965	188.9	163.2	25.8	1.93
	1966	194.4	168.6	25.8	2.02
	1967	197.3	172.4	24.9	2.16
	1968 ^{4/}	200.8	175.0	25.8	2.37
	1969	203.5	176.2	27.3	2.47
Flavorings	1962	9.6	5.4	4.1	2.16
	1963	9.0	4.9	4.1	2.45
	1964	9.4	5.2	4.2	2.41
	1965	9.4	5.0	4.4	2.55
	1966	10.6	5.9	4.7	2.68
	1967	10.1	5.8	4.3	2.92
	1968 ^{4/}	9.3	5.4	3.9	3.08
	1969	10.2	5.9	4.3	3.14

^{1/} 1969 preliminary. ^{2/} Industries included in this tabulation are: For grain mill and bakery products; (a) cereal preparations, (b) bread and other bakery products, (c) biscuits, crackers, and pretzels. For confectionery and related products: (a) confectionery products, (b) chocolate and cocoa products, (c) chewing gum. For dairy products: (a) concentrated milk, (b) ice cream and ices. For canning, preserving, and freezing: (a) canning and preserving fruits and Vegetables, (b) pickles and sauces, (c) frozen foods. ^{3/} Average of pay periods ending nearest to the 15th of March, May, August and November. ^{4/} Revised.

Source: Computed from data of the Bureau of the Census, U.S. Department of Commerce

Table 24 Wages, salaries, value added by manufacture, and ratio of wages and salaries to value added by manufacture in specified food industries in the U.S. ^{1/}

Industry group ^{2/}	Year	Wages and salaries			Value	Ratio wages &
		Total	Wages	Salaries	added by manufacture:	sals. to value added manuf.
		Millions of dollars			Percent	
Grain mill and bakery products	1962	1,602.9	839.8	763.2	3,277.5	48.9
	1963	1,592.8	856.3	736.5	3,390.6	47.0
	1964	1,626.0	875.1	750.9	3,538.9	45.9
	1965	1,663.2	898.5	764.7	3,602.0	46.2
	1966	1,741.5	934.2	807.3	3,813.6	45.7
	1967	1,765.3	967.9	797.4	3,998.7	44.1
	1968 ^{3/}	1,813.4	1,002.6	810.8	4,163.4	43.6
	1969	1,935.7	1,069.4	866.3	4,405.8	43.9
Confectionery and related products	1962	353.3	243.9	109.4	904.3	39.1
	1963	349.8	246.5	103.3	953.8	36.7
	1964	373.8	260.6	113.2	1,005.7	37.2
	1965	379.5	269.9	109.7	1,044.7	36.3
	1966	405.1	287.0	118.1	1,112.5	36.4
	1967 ^{3/}	434.5	312.9	121.6	1,248.9	34.8
	1968 ^{3/}	458.6	333.5	125.1	1,294.1	35.4
	1969	485.3	351.8	133.5	1,370.3	35.4
Dairy products	1962	235.1	121.1	114.0	681.1	34.5
	1963	225.0	126.0	99.0	667.5	33.7
	1964	228.9	129.6	99.2	740.7	30.9
	1965	228.7	130.5	98.2	717.6	31.9
	1966	236.2	135.2	101.1	740.9	31.9
	1967	237.4	136.7	100.7	738.9	32.1
	1968 ^{3/}	240.2	140.3	99.9	748.1	32.1
	1969	245.6	142.8	102.8	757.1	32.4
Bottled soft drinks	1962	515.3	158.3	357.0	1,127.8	45.7
	1963	537.3	162.9	374.4	1,213.9	44.3
	1964	582.6	172.8	409.8	1,367.0	42.6
	1965	614.4	182.7	431.7	1,372.7	44.8
	1966	667.1	201.1	466.0	1,470.8	45.4
	1967 ^{3/}	727.1	219.2	507.9	1,681.4	43.2
	1968 ^{3/}	767.4	234.1	533.3	1,801.2	42.6
	1969	834.3	256.1	578.2	1,944.3	42.9
Canning, preserving and freezing	1962	695.5	536.3	159.2	1,768.3	39.3
	1963	709.8	547.3	162.5	1,933.5	36.7
	1964	753.2	581.7	171.5	2,056.5	36.6
	1965	789.6	604.4	185.3	2,217.2	35.6
	1966	849.6	655.4	194.2	2,399.3	35.4
	1967	939.0	728.6	210.4	2,661.9	35.3
	1968 ^{3/}	1,006.4	784.9	221.5	2,681.4	37.5
	1969	1,073.1	835.8	237.3	2,946.7	36.4
Flavorings	1962	56.4	24.6	31.7	374.1	15.1
	1963	56.1	24.9	31.3	393.6	14.3
	1964	63.5	27.8	35.8	448.2	14.2
	1965	62.8	25.7	37.1	487.5	12.9
	1966	70.8	31.3	39.6	555.5	12.7
	1967 ^{3/}	75.3	34.2	41.1	592.6	12.7
	1968 ^{3/}	71.5	33.3	38.2	667.0	10.7
	1969	77.6	37.7	39.9	686.6	11.3

^{1/} 1969 preliminary. ^{2/} Industries included in this tabulation are: For grain mill and bakery products: (a) cereal preparations, (b) bread and other bakery products, (c) biscuits, crackers, and pretzels. For confectionery and related products: (a) confectionery products, (b) chocolate and cocoa products, (c) chewing gum. For dairy products: (a) concentrated milk, (b) ice cream and ices. For canning, preserving and freezing: (a) canning and preserving fruits and vegetables, (b) pickles and sauces, (c) frozen foods.

^{3/} Revised.

Source: Computed from data of the Bureau of the Census, U.S. Department of Commerce.

Sugar Prices and Growers' Income from Mainland Sugarbeets and Sugarcane Compared with Prices Received by Farmers, 1935 to Date

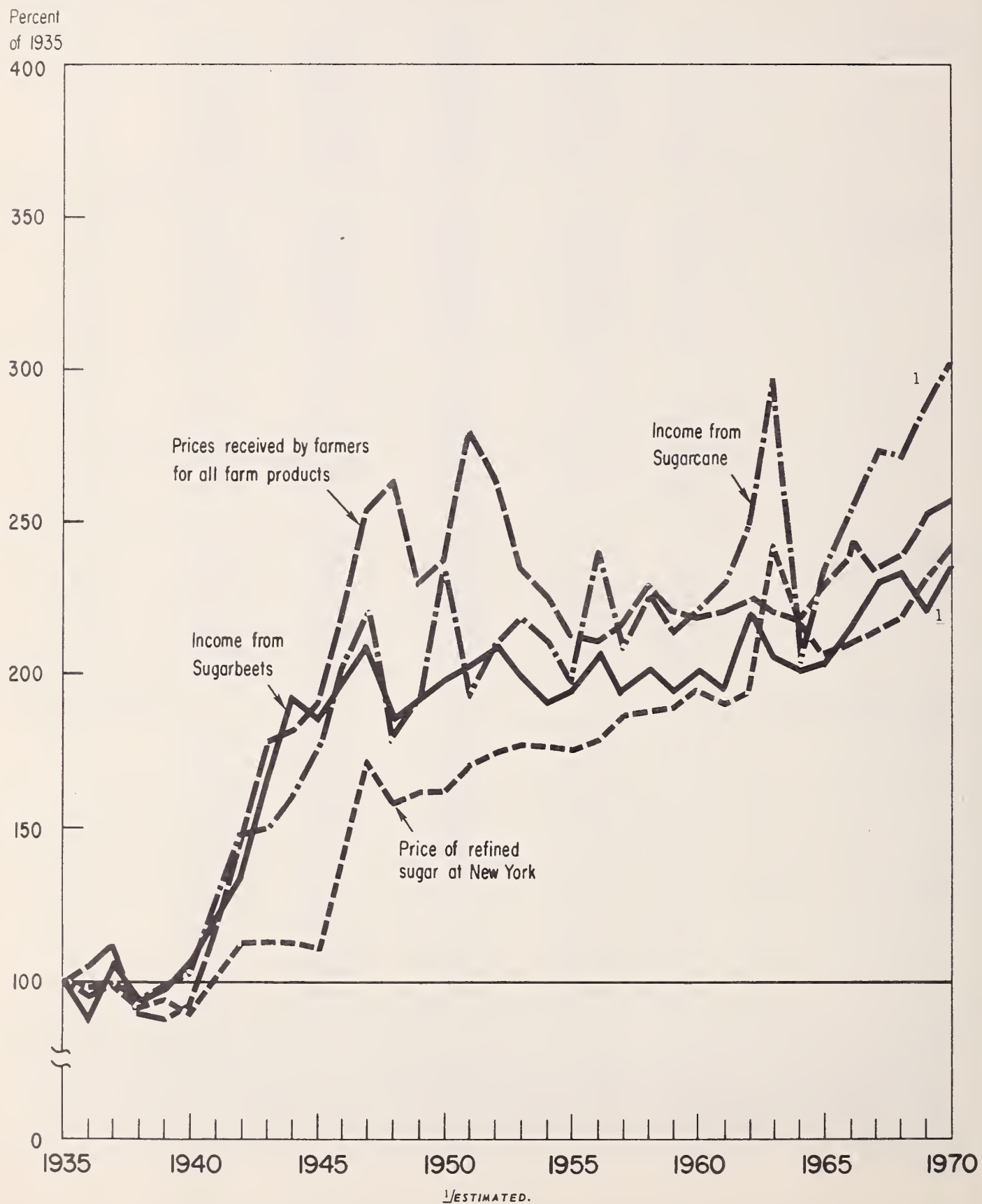


Figure 9

Minimum Wage Rates of Fieldworkers, Producer Income, and Cost of Food and Clothing, All Domestic Sugar Producing Areas, 1934 to date

PERCENT OF 1934

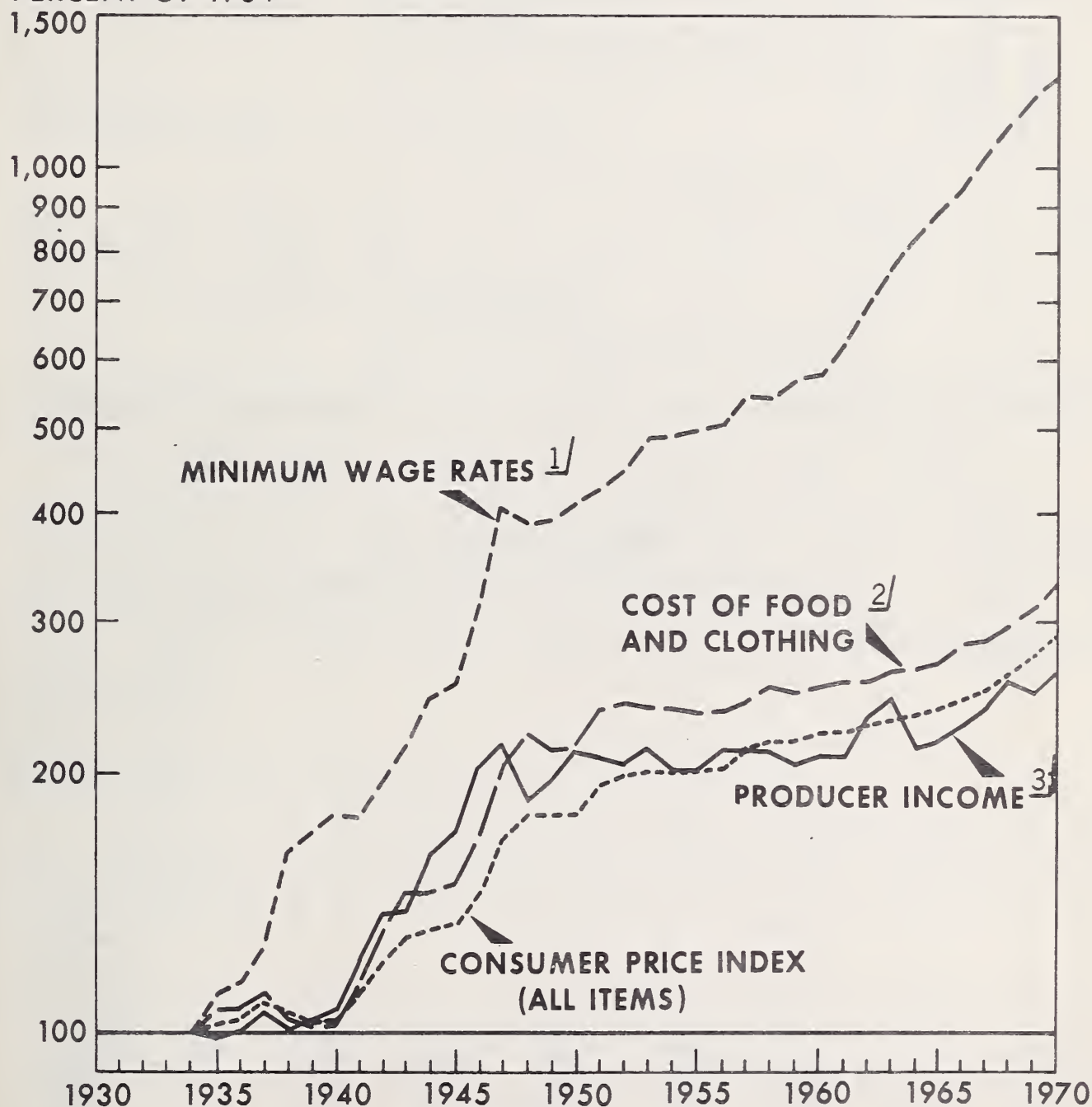


Figure 10

^{1/} WEIGHTED AVERAGE MINIMUM WAGE RATES FOR EACH AREA WEIGHTED BY PRODUCTION OF BEETS OR CANE, DATA PARTLY ESTIMATED.

^{2/} DATA OF THE DEPARTMENT OF LABOR, WEIGHTED 15 CLOTHING AND 85 FOOD

^{3/} PER TON OF BEETS OR CANE. ALL AREAS.

WORLD SUGAR SUPPLIES AND PRICES

Cents
per pound

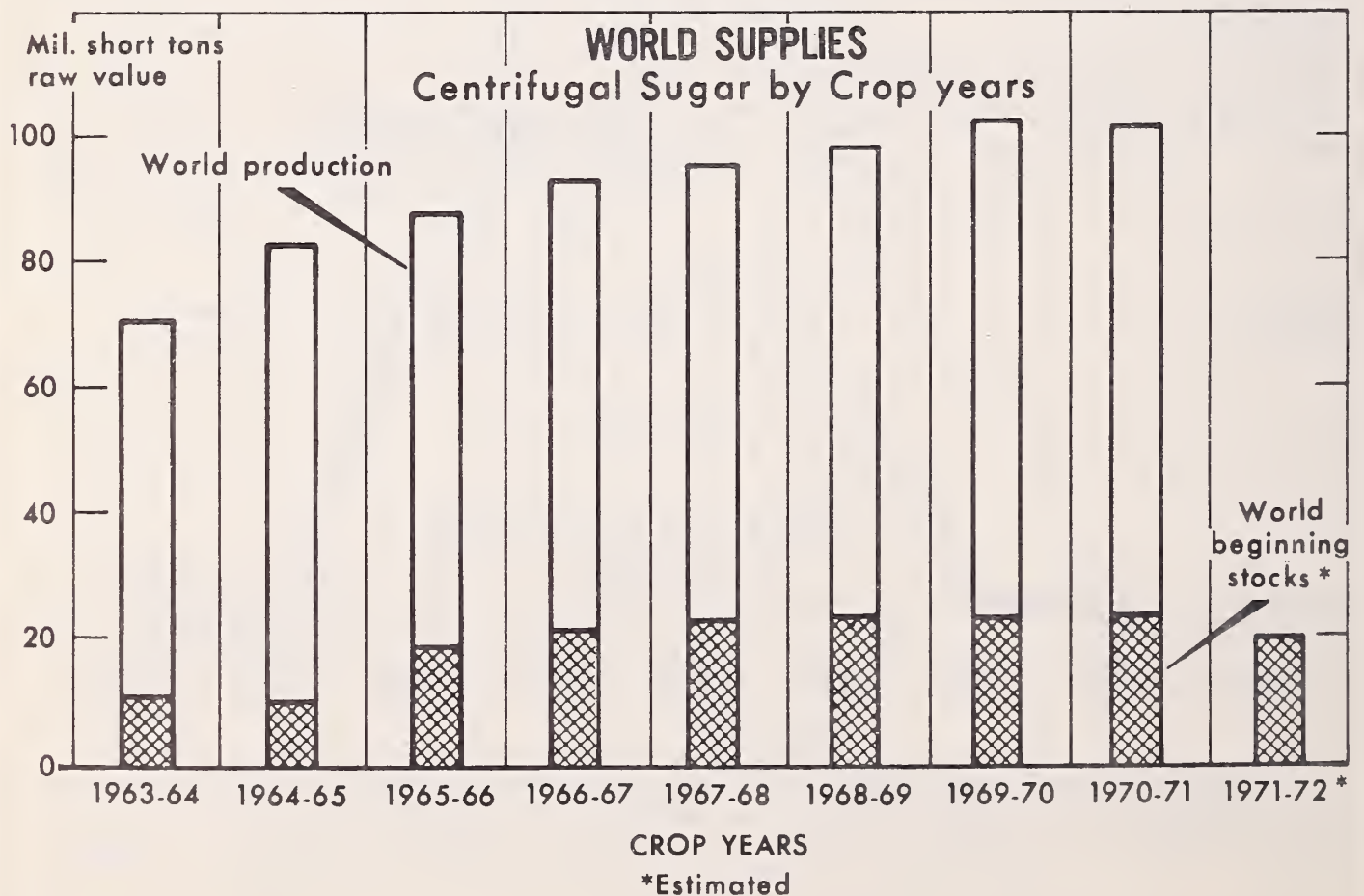
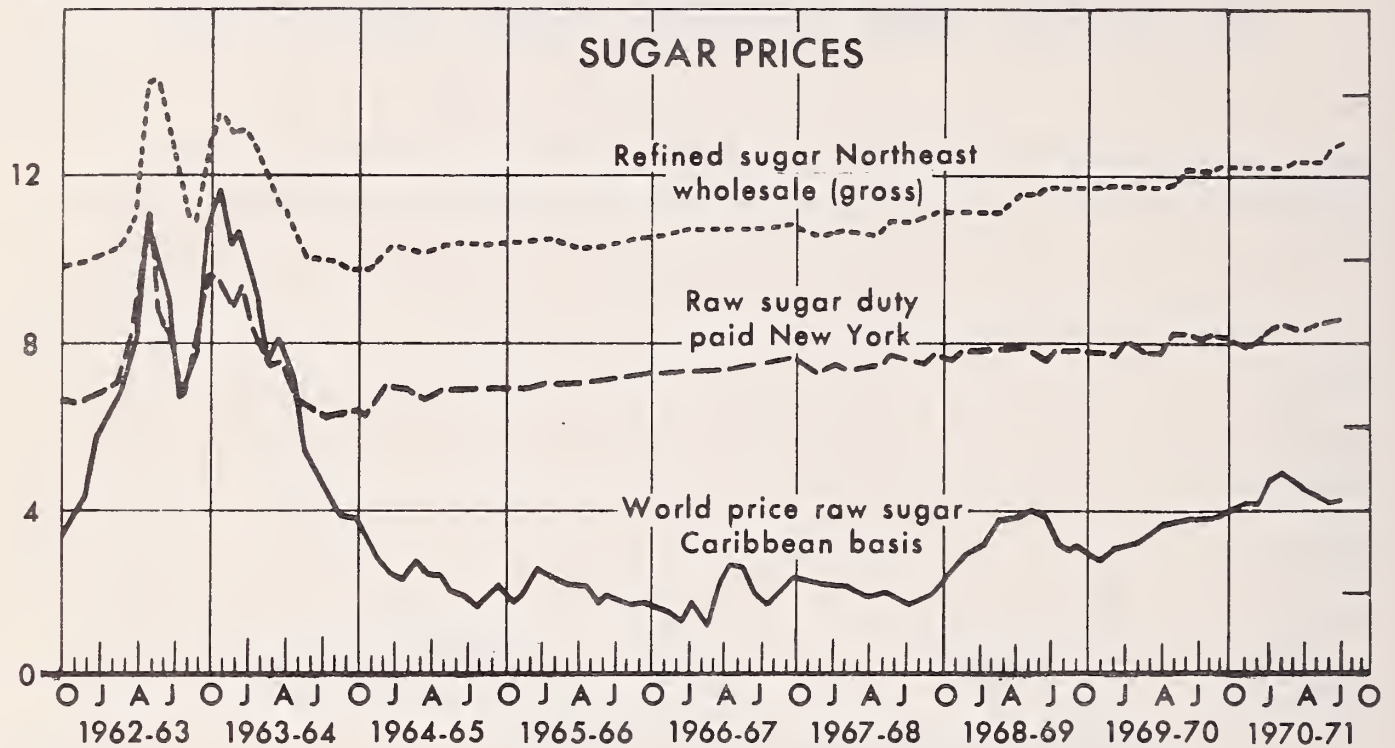


Figure 11

ADMINISTRATIVE ACTIONS RELATING TO 1971 SUGAR SUPPLIESSugar requirements reduced

The United States Department of Agriculture on Aug. 18 announced that it had rescinded the increase of 100,000 short tons, raw value in the determination of domestic sugar requirements (total quotas) which was announced on Aug. 12.

The action of Aug. 12 was taken to provide ample supplies of raw sugar in this country on Sept. 30 as a safeguard against the possibility that a work stoppage would occur at the Atlantic and Gulf ports at that time. With raw sugar inventories well in excess of ordinary working levels, refiners could then have continued operations for a longer period. There presently appears to be less inclination on the part of cane sugar refiners to accumulate stocks than the Department had anticipated. Accordingly, the raw sugar made available by the action of Aug. 12 is not now needed.

Those importers who during the period from Aug. 12 to Aug. 17 irrevocably arranged initial (but not revised) shipping charters to United States ports for raw sugar to be imported before Sept. 25 solely for the purpose of supplying raw sugar pursuant to the rescinded increase in quotas will have the option of bringing the sugar into the United States for storage and refining under bond pending the availability of applicable quota. Certifications regarding such charters must be accompanied by documentation.

Bonding provisions for raw sugar modified by USDA

On Aug. 19 the Department announced that raw sugar which may be brought into the United States for storage and refining under bond pending availability of applicable quota may be stored at any location by the refining company which receives the sugar.

The sugar referred to is that for which importers during the period Aug. 12 to Aug. 17 irrevocably arranged initial (but not revised) shipping charters to United States ports for importation before Sept. 25 solely for the purpose of supplying raw sugar pursuant to the increase in quotas announced Aug. 12 (Press Release USDA 2623-71) rescinded Aug. 18 (Press Release USDA-2691).

Customarily, sugar under bond must be stored within a few miles of the refinery where the sugar was received.

ADMINISTRATIVE ACTIONS RELATING TO 1971 SUGAR SUPPLIESSugar Requirements Increased and Additional Quota Deficits Re-allocated

On August 12 the United States Department of Agriculture announced an increase of 100,000 short tons, raw value, in the determination of the domestic sugar requirements (total quotas) bringing that total to 11.3 million tons for this calendar year. The Department also declared a deficit in the Domestic Beet quota of 47,667 tons (its share of the increase in requirements) and a deficit in the quota for Haiti of 4,908 tons.

The action makes available 87,575 tons of raw sugar for importation on or before September 25, on a first-come, first-served basis from any country having filled its effective 1971 quota.

The Department emphasized that the action was taken to provide additional supplies of sugar prior to the possible disruption of ocean transportation and the unloading of sugar which may occur after the end of September. A finding was made that it is not practicable to obtain the quantity of sugar at the time needed by making prorations to individual foreign countries on the customary basis.

The importation of the additional sugar will be authorized on the basis of applications for Sugar Quota Clearance (Form SU-3) or for Set-Aside of Quota (Form SU-8A) subject to a certification that the country has or will have filled its currently effective 1971 quota on or before the importation date of such additional sugar. Applications for Sugar Quota Clearance (Form SU-3) will be authorized in the order received, with first priority given to the earliest arrival date and second priority to the earliest departure date. Applications for Set-Aside of Quota (Form SU-8A) shall indicate the anticipated dates of departure and arrival and shall indicate a 5 day tolerance period beyond the importation date instead of the 15 days provided for on the application. Such applications received on or before August 18, 1971 shall be considered as having been received at the same time and will be approved with first priority to the stated date of arrival and second priority to the stated date of departure.

Applications covering sugar authorized pursuant to this announcement for importation on or before September 25, 1971 shall become invalid for any portion of such sugar which is not unloaded prior to October 1, 1971.

The accompanying table shows quotas and changes in quotas for individual producing areas.

Production area	Change in quotas	Total quotas and prorations
<u>Short tons, raw value</u>		
Domestic beet area		3,406,333 ^{1/}
Mainland cane area	17,333	1,256,000
Hawaii	0	1,110,000*
Puerto Rico	0	180,000*
Virgin Islands	0	0
Total domestic areas	17,333	5,952,333
Philippines	0	1,586,415*
Mexico	0	596,438
Dominican Republic	0	633,321
Brazil	0	583,321
Peru	0	465,269
British West Indies	0	202,373
Ecuador	0	84,875
French West Indies	0	63,661
Argentina	0	71,756
Costa Rica	0	68,671
Nicaragua	0	68,671
Colombia	0	61,728
Guatemala	0	57,869
Panama	0	43,209*
El Salvador	0	42,435
Haiti	-4,908	27,500 ^{2/}
Venezuela	0	29,321
British Honduras	0	14,743
Bolivia	0	6,945
Honduras	0	6,945
Australia	0	203,785
Republic of China	0	84,910
India	0	81,514
South Africa	0	60,003
Fiji Islands	0	44,719
Thailand	0	18,681
Mauritius	0	18,681
Malagasy Republic	0	9,623
Swaziland	0	7,359
Ireland	0	5,351*
Bahamas	0	10,000
To be allocated 3/	87,575	87,575
Total foreign	82,667	5,347,667
Total	100,000	11,300,000

^{1/} Reflects the declaration of a deficit of 47,667 tons in the statutory quota of 3,454,000 tons which the area is entitled to fill regardless of the declaration of deficit.

^{2/} Reflects a deficit declaration of 4,908 tons.

^{3/} Represents the foreign share (35,000 tons) of the increase in requirements plus deficits in the quotas declared for the Domestic Beet Sugar Area (47,667 tons) and Haiti (4,908 tons) totaling 87,575 tons permitted importation on or before September 25 on a first-come, first served basis from any quota country having then filled its assigned quota.

* Direct-consumption limits in tons: Hawaii - 38,646; Puerto Rico - 169,500
Philippines - 59,920; Panama - 3,817
Ireland - 5,351

ADMINISTRATIVE ACTIONS RELATING TO 1971 SUGAR SUPPLIESSugar requirements increased and a deficit reallocated

The United States Department of Agriculture on July 30 announced an increase of 100,000 short tons, raw value, in the determination of the domestic sugar requirements (total quotas) bringing that total to 11.2 million tons for this calendar year. The Department also declared an additional deficit of 175,000 tons in the sugar quota for Puerto Rico.

Together with an earlier determined deficit of 785,000 tons, the deficit in the 1971 quota for Puerto Rico now amounts to 960,000 tons. Of the 175,000 short tons, raw value, additional deficit declared today, 82,635 tons were allocated to the Philippines, 58,000 tons were allocated and prorated to the Dominican Republic and the balance was prorated to other Western Hemisphere countries on the basis of quotas currently in effect.

The President determined, under Section 204(a) of the Sugar Act that it would be in the national interest to assign to the Dominican Republic a special allocation of 50,000 short tons of sugar in addition to its pro rata share of such additional deficits as may be declared in 1971.

The President's decision was taken in accordance with the recommendation of the Conference Report on the Sugar Act Amendments of 1965 that he use his authority to assign deficits to provide additional quota for the Dominican Republic if the political situation in that republic warrants such action.

The quota for the domestic beet sugar area was increased by 47,666 tons and that for the mainland sugarcane area by 17,334 tons as a result of the requirements increase. Quotas and prorations for foreign countries were increased by 210,000 tons as a result of the requirements increase and the deficit prorations and allocations.

Because of the possible disruptions of ocean transportation in the early autumn, there may be a tendency for sugar refiners and users to increase stocks of sugar and sugar containing products above normal during nearby months. An increase in requirements at this time should encourage additional offerings of readily available raw sugar and enable foreign countries to better plan their exportations during the balance of the year.

Quota increases and deficit prorations, together with revised quotas are shown on the following table:

Production area	: Change in quota	: Basic quota	: Temporary quotas and prorations pursuant to Sec. 202(d)/ 1/	: Deficits and deficit prorations	: Total quotas and prorations
Short tons, raw value					
Domestic beet area	47,666	3,406,333			3,406,333
Mainland cane area	17,334	1,238,667			1,238,667
Hawaii		1,110,000			1,110,000*
Puerto Rico	-175,000	1,140,000		-960,000	180,000*
Virgin Islands		15,000		-15,000	
Total domestic areas	-110,000	6,910,000		-975,000	5,935,000
Philippines	82,635	1,126,020		460,395	1,586,415*
Mexico	14,626	243,389	263,309	89,740	596,438
Dominican Republic	64,306	238,036	257,518	137,767	633,321
Brazil	14,306	238,036	257,518	87,767	583,321
Peru	11,410	189,862	205,402	70,005	465,269
British West Indies	3,854	95,089	76,410	30,874	202,373
Ecuador	2,081	34,635	37,470	12,770	84,875
French West Indies	1,212	29,912	24,037	9,712	63,661
Argentina	1,758	29,282	31,678	10,797	71,756
Costa Rica	1,685	28,023	30,316	10,332	68,671
Nicaragua	1,685	28,023	30,316	10,332	68,671
Colombia	1,515	25,189	27,251	9,288	61,728
Guatemala	1,420	23,615	25,547	8,707	57,869
Panama	1,059	17,632	19,076	6,501	43,209*
El Salvador	1,039	17,317	18,733	6,385	42,435
Haiti	796	13,224	14,307	4,876	32,408
Venezuela	719	11,965	12,944	4,412	29,321
British Honduras	281	6,927	5,566	2,250	14,743
Bolivia	170	2,834	3,066	1,045	6,945
Honduras	170	2,834	3,066	1,045	6,945
Australia	1,260	113,351	90,434		203,785
Republic of China	525	47,229	37,681		84,910
India	504	45,340	36,174		81,514
South Africa	371	33,375	26,628		60,003
Fiji Islands	276	24,874	19,845		44,719
Thailand	116	10,391	8,290		18,681
Mauritius	116	10,391	8,290		18,681
Malagasy Republic	60	5,353	4,270		9,623
Swaziland	45	4,093	3,266		7,359
Ireland		5,351			5,351*
Bahamas		10,000			10,000
Total foreign	210,000	2,711,592	1,578,408	975,000	5,265,000
TOTAL	100,000	9,621,592	1,578,408	0	11,200,000

1/ Proration of the quotas withheld from Cuba and Southern Rhodesia.

* Direct-consumption limits in tons: Hawaii - 38,304; Puerto Rico - 168,000
Philippines - 59,920; Panama - 3,817
Ireland - 5,351

Table 25 - Sugar supply and disposition by primary distributors, January-June 1971

(Short tons, raw value)

Item	Beet	Importers	Main-land cane	Refiners		Net total
	processors		processors	Raw	Refined	
	(1)	(2)	(3)	(4)	(5)	(6)
SUPPLY						
1. Inventory Jan. 1971	1,354,917	3,903	375,870	803,791 ^{2/}	253,124 ^{2/}	2,791,605
2. Production and movement						
a. Received as direct-consumption sugar	0	67,952	0	0	3,325	71,277
b. Produced from beets or cane	1,164,536	0	391,224	0	0	
Less deliveries to refiners	0	0	514,042	0	0	1,041,708 ^{3/}
c. Receipts of raws by refiners	0	0	0	3,618,650 ^{4/}	0	
Less raws melted	0	0	0	3,985,056	0	-366,406 ^{5/}
d. Refined from raws melted	0	0	0	0	3,942,150	3,942,150
e. Adjustments	-843	-1	-177	+129	-9,484	-10,376
f. Sub-total	1,163,693	67,951	-123,005	-366,276	3,935,991	4,678,354
3. Net total supply	2,518,610	71,854	252,865	437,515	4,189,115	7,469,959
DISPOSITION						
4. Distribution for						
a. Quota purposes	1,382,751	49,595	36,130	5,102	3,767,712	5,241,290
b. Export	0	0	0	0	48,836	48,836
c. Livestock feed	0	7,019	0	265	11,727	19,011
d. Alcohol	0	0	0	0	3,927	3,927
e. Sub-total	1,382,751	56,614	36,130	5,367	3,832,202	5,313,064
5. Inventory June 30, 1971	1,135,859	15,240	216,735	432,148 ^{6/}	356,913 ^{6/}	2,156,895
6. Total distribution and inventory	2,518,610	71,854	252,865	437,515	4,189,115	7,469,959

^{1/} Establishments that acquire no raw sugar from others for refining. Processor-refiners are included with refiners.

^{2/} Includes mainland cane sugar not charged to quota: Raws, 137,566; Refined, 15,015; Total, 152,581.

^{3/} Production less deliveries of raw sugar to refiners.

^{4/} Includes 514,052 tons received from mainland cane processors.

^{5/} Receipts of raw sugar by refiners less melt.

^{6/} Refiners' inventories include mainland cane sugar not charged to quota: Raws, 11,357; Refined, 6,591; Total, 17,948. An additional 58,000 tons had arrived in ports as of June 30 but was not authorized for unloading until July 1 and therefore not included in receipts.

Table 26- Distribution of sugar by primary distributors, January-June 1971 and 1970

Item	1971	1970	Change 1970 to 1971
Short tons, raw value			
<u>Continental United States</u>			
Refiners' raw	5,367	10,966	-5,599
Refiners' refined	3,832,202	3,746,822	+85,380
Sub-total	3,837,569	3,757,788	+79,781
Beet processors' refined	1,382,751	1,587,350	-204,599
Importers' direct consumption	56,614	68,728	-12,115
Mainland sugarcane processors'	36,130	27,542	+8,588
Total	5,313,064	5,441,409	-128,345
For: Export	48,836	31,877	+16,959
Livestock feed	19,011	31,115	-12,104
Alcohol	3,927	10,008	-6,081
Continental consumption ^{1/}	5,241,290	5,368,409	-127,119
<u>Puerto Rico</u>	58,000 ^{2/}	58,111	-111
<u>Hawaii</u>	17,000	16,845	+155

^{1/} Includes deliveries for United States military forces at home and abroad.^{2/} Estimated

Table 27- Stocks of sugar held by primary distributors in the continental United States, June 30, 1971 and 1970

Item	1971	1970	Change 1970 to 1971
Short tons, raw value			
Refiners' raw	432,148	557,623	-125,475
Refiners' refined	356,913	252,584	+104,329
Sub-total ^{1/}	789,061	810,207	-21,146
Beet processors' refined	1,135,859	1,075,723	+60,136
Importers' direct consumption	15,240	15,893	-653
Mainland sugarcane processors'	216,735	201,634	+15,101
Total	2,156,895	2,103,457	+53,438

^{1/} Included mainland cane sugar not charged to quota: 1971 - Raws, 11,357; Refined, 6,591; Total, 17,948; 1970 - Raws, 12,943; Refined, 6,073; Total, 19,016.

Table 28- Distribution of sugar by primary distributors in the continental United States, January-July 1971 and 1970

Item	1971 ^{1/}	1970
	July	Jan.-July
Short tons, raw value		
Refiners	705,689	4,543,258
Beet processors' refined	316,363	1,699,114
Importers' direct consumption	13,542	70,156
Mainland sugarcane processors'	4,000 ^{2/}	40,130
Total	1,039,594	6,352,658
For: Export	n.a.	48,836
Livestock feed	n.a.	19,011
Alcohol	n.a.	3,927
Continental consumption ^{3/}	1,039,594	6,280,884
		1,012,405
		6,380,814

^{1/} Preliminary ^{2/} Estimated ^{3/} Includes deliveries for U.S. military forces at home and abroad.

Table 29- Stocks of sugar held by primary distributors in the continental United States, July 31, 1971 and 1970

Item	1971 ^{1/}	1970	Change 1970 to 1971
Short tons, raw value			
Refiners' raw	461,468	515,305	-53,837
Refiners' refined	364,580	225,079	+139,501
Sub-total	826,048	740,384	+85,664
Beet processors' refined	915,589	841,663	+73,926
Importers' direct consumption	15,547 ^{2/}	14,379	+1,168
Mainland sugarcane processors'	165,000 ^{2/}	129,692	+35,308
Total	1,922,184	1,726,118	+196,066
^{1/} Preliminary			
^{2/} Estimated			

Table 30- Mainland sugar: Production and quota charges January-June 1971 and 1970

Item	1971	1970	Change 1970 to 1971
Short tons, raw value			
<u>Production</u>			
Mainland cane	389,509	338,202	+51,307
Domestic beet	<u>1,163,193</u>	<u>1,249,838</u>	<u>-86,145</u>
Total	1,553,202	1,588,040	-34,838
<u>Quota charges</u>			
Mainland cane:			
Louisiana sugarcane processors			
For further processing	230,072	288,652	-58,580
For direct-consumption	2,837	6,827	-3,990
Louisiana processor-refiners	18,999	76,837	-7,838
Florida sugarcane processors	<u>381,370</u>	<u>380,838</u>	<u>+532</u>
Sub-total	683,278	753,154	-69,876
Beet processors	<u>1,382,751</u>	<u>1,587,350</u>	<u>-204,599</u>
Total	2,066,029	2,340,504	-274,475

Table 31- Receipts of quota-exempt and over-quota sugar included in Table 32

Purpose	Refiners		Importers		Total	
	1971	1970	1971	1970	1971	1970
Short tons, raw value						
<u>For export</u>						
Argentina		1,759				1,759
Brazil	5,251	12,887		120	5,251	13,007
Costa Rica	6,081				6,081	
Dominican Republic	42,020	3,661			42,020	3,661
Guatemala		5,890				5,890
Hawaii		1,008				1,008
Honduras		3,160				3,160
Puerto Rico	154	128			154	128
Total	53,506	28,493		120	53,506	28,613
<u>For livestock feed</u>						
Brazil	3,506	12,797			3,506	12,797
Dominican Republic	4,982				4,982	
South Africa		16,539				16,539
United Kingdom			7,019		7,019	
Total	8,488	29,336	7,019		15,507	29,336
<u>For alcohol</u>						
Brazil	11,641				11,641	
Dominican Republic	2,145				2,145	
Total	13,786				13,786	
<u>Held pending availability of quota</u>						
Bahamas	61				61	
British West Indies	2,374				2,374	
Ecuador	1,355				1,355	
Guatemala	222				222	
Haiti	796				796	
Mexico	5,000				5,000	
Nicaragua	123				123	
Panama	207				207	
Philippines	5,000				5,000	
Total	15,138				15,138	
<u>In Customs custody</u>						
Colombia			5		5	
Total			5		5	
GRAND TOTAL	90,918	57,829	7,024	120	97,942	57,949

Table 32- Sugar receipts of refiners and importers by source of supply^{1/} January-June 1971 and 1970

Source of supply	Raw sugar		Direct consumption		Total	
	1971	1970	1971	1970	1971	1970
	Short tons, raw value					
OFFSHORE						
Foreign						
Argentina	25,098	50,817			25,098	50,817
Bahamas	10,063	9,304			10,063	9,304
Belgium			10		10	
Brazil	379,618	279,577		120	379,618	279,697
British Honduras	9,748				9,748	
British West Indies	90,511	70,386		1	90,511	70,387
China, Republic of	44,602	67,905			44,602	67,905
Colombia	26,056	46,243	5	8	26,061	46,251
Costa Rica	55,502	40,502			55,502	40,502
Denmark			10	10	10	10
Dominican Republic	480,390	484,808			480,390	484,808
Ecuador	29,138	32,767			29,138	32,767
El Salvador	28,455	37,004			28,455	37,004
French West Indies	40,032	48,685			40,032	48,685
Guatemala	43,352	57,034			43,352	57,034
Germany, West				10		10
Haiti	13,926	12,233			13,926	12,233
Honduras	4,879	15,016			4,879	15,016
India	31,042	6,699	3	5	31,045	6,704
Ireland			5,363	5,351	5,363	5,351
Mexico	419,703	430,297	5		419,708	430,297
Netherlands			10	10	10	10
Nicaragua	52,707	40,507			52,707	40,507
Panama	19,416	24,856		880	19,416	25,736
Paraguay			10	10	10	10
Peru	154,559	141,495			154,559	141,495
Philippines	563,274	532,559	6,091	2,396	569,305	534,955
South Africa	32,791	70,700			32,791	70,700
Sweden			5	6	5	6
United Kingdom			7,019		7,019	
Venezuela	20,009	27,092			20,009	27,092
Total	2,574,811	2,526,486	18,531	8,807	2,593,342	2,535,293
Domestic						
Hawaii	467,808	445,746	3,325 ^{2/}	2,825 ^{2/}	471,133	448,571
Puerto Rico	59,949	141,678	49,421	65,911	109,370	207,589
Virgin Islands	0	0	0	0	0	0
Total	527,757	587,424	52,746	68,736	580,503	656,160
Total offshore	3,102,568	3,113,910	71,277	77,543	3,173,845	3,191,453
Mainland cane area	514,052	522,340	0 ^{3/}	0 ^{3/}	514,052	522,340
Acquired for reprocessing and samples	2,030	1,022	0	0	2,030	1,022
Grand total	3,618,650	3,637,272	71,277	77,545	3,689,927	3,714,815

^{1/} Includes sugar as detailed in Table 31.^{2/} Refined sugar received by refiners^{3/} Refined sugar produced direct from cane by processor - refiner

Table 33- Status of 1971 quotas and charges as of July 31, 1971

Source of supply	Quotas and prorations	Charges to quotas <u>1/</u>			Balances <u>3/</u>
		Set-aside	Bu SU-3	Total <u>2/3/</u>	
Short tons, raw value					
Domestic beet sugar	3,358,667			1,699,000	1,659,667
Mainland cane sugar	1,221,333			740,000	481,333
Hawaii	1,110,000			630,039	479,961
Puerto Rico	355,000			120,784	234,216
Virgin Islands	0			0	0
Total	6,045,000			3,189,823	2,855,177
Republic of the Philippines	1,503,780			927,918	575,862
Argentina	69,998			47,924	22,074
Australia	202,525			48,165	154,360
Bahamas	10,000			10,000	
Bolivia	6,775			217	6,558
Brazil	569,015			499,127	69,888
British Honduras	14,462			10,483	3,979
British West Indies	198,519			98,998	99,521
China, Republic of	84,385			48,662	35,723
Colombia	60,213			40,211	20,002
Costa Rica	66,986			62,090	4,896
Dominican Republic	569,015			501,759	67,256
Ecuador	82,794			39,451	43,343
El Salvador	41,396			41,396	0
Fiji Islands	44,443			16,272	28,171
French West Indies	62,449			54,158	8,291
Guatemala	56,449			56,277	172
Haiti	31,612			21,511	10,101
Honduras	6,775			6,773	2
India	81,010			64,821	16,189
Ireland	5,351			5,351	
Malagasy Republic	9,563				9,563
Mauritius	18,565				18,565
Mexico	581,812			450,120	131,692
Nicaragua	66,986			66,727	259
Panama	42,150			30,048	12,102
Peru	453,859			206,972	246,887
South Africa	59,632			33,611	26,021
Swaziland	7,314			7,314	
Thailand	18,565			847	17,718
Venezuela	28,602			23,345	5,257
Total	5,055,000			3,420,548	1,634,452
GRAND TOTAL	11,100,000			6,610,371	4,489,629

^{1/} Domestic beet and mainland cane sugar marketings partly estimated; all other sugar entered or authorized for entry.

^{2/} Direct-consumption charges and balances: Hawaii, 3,325 and 34,637; Panama 24 and 3,793; Philippines 7,888 and 52,032; Puerto Rico 60,443 and 106,057; Ireland, 5,351 and 0.

^{3/} Includes raw sugar for direct consumption: Hawaii 0; Puerto Rico 0.

Table 34-Quota-exempt and over quota sugar authorized for entry as of July 31, 1971 ^{1/}

Country	Reexport	Feed	Alcohol	For refining under bond	Total
Short tons, raw value					
Bahamas				61	61
Brazil	6,451	3,506	11,641		21,598
Costa Rica	6,081				6,081
Dominican Republic	46,634	4,233	2,894		53,761
El Salvador	122				122
Nicaragua	809				809
United Kingdom		8,774			8,774
Total	60,097	16,513	14,535	61	91,206

^{1/} In addition: (a) Under provisions of Sec. 212, 213 tons were entered as liquid sugar in small containers: 94 tons as the first ten tons; (b) Raw sugar was brought in for refining and return to: Hawaii, 0 tons; Puerto Rico 154 tons. (c) Tons of sugar in Customs custody for subsequent entry: Hong Kong 40; Colombia 5.

Table 35. - Primary distribution of sugar, continental United States, by States, June 1971

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights ^{1/}					
New England					
Connecticut	130,236		2,821		133,057
Maine	55,229		1,608		56,837
Massachusetts	543,479		9,932		553,411
New Hampshire	54,018		2,752		56,770
Rhode Island	39,467		911		40,378
Vermont	20,642				20,642
Sub-total	843,071		18,024		861,095
Mid-Atlantic					
New Jersey	914,224	1,024	74,202		989,450
New York	1,491,804	35,515	54,511		1,581,830
Pennsylvania	1,309,853	14,520	45,888	1,044	1,371,305
Sub-total	3,715,881	51,059	174,601	1,044	3,942,585
North Central					
Illinois	843,445	1,270,351	3,550	-1,008	2,116,338
Indiana	411,764	133,781	800		546,345
Iowa	77,494	136,039			233,533
Kansas	59,392	127,519			186,911
Michigan	390,379	419,852			810,231
Minnesota	59,849	236,417			296,266
Missouri	392,018	170,816			562,834
Nebraska	16,747	155,837			172,584
North Dakota	818	37,560			38,378
Ohio	932,999	239,829	398		1,173,226
South Dakota	1,905	32,147	2		34,054
Wisconsin	203,215	275,733			478,948
Sub-total	3,390,025	3,255,881	4,750	-1,008	6,649,648
Southern					
Alabama	271,767				271,767
Arkansas	129,077	5,000			134,077
Delaware	136,584				136,584
District of Columbia	41,498				41,498
Florida	476,603			107,258	583,861
Georgia	648,293			3,378	651,671
Kentucky	220,699				220,699
Louisiana	302,634			13	302,647
Maryland	501,255		18,742		519,997
Mississippi	149,195			30	149,225
North Carolina	421,151		100	2,016	423,267
Oklahoma	131,216	34,767			165,983
South Carolina	254,957			1,454	256,411
Tennessee	413,355			2,023	415,378
Texas	828,637	205,110		5,697	1,039,444
Virginia	282,137		10,448		292,585
West Virginia	91,396	2,800			94,196
Sub-total	5,300,454	247,677	29,290	121,869	5,699,290
Western					
Alaska	2,640	4,844			7,484
Arizona	28,592	60,032			88,624
California	566,282	1,316,936	900		1,884,118
Colorado	15,427	152,883			168,310
Idaho	3,204	27,961			31,165
Montana	5,296	29,167			34,463
Nevada	5,348	5,109			10,457
New Mexico	5,487	21,638			27,125
Oregon	70,633	227,460			298,093
Utah	6,721	59,289			66,010
Washington	68,465	193,014	16,800		278,279
Wyoming	3,153	10,629			13,782
Sub-total	781,248	2,108,962	17,700		2,907,910
Grand total	14,030,679	5,663,579	244,365	121,905	20,060,528

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 36. - Primary distribution of sugar, continental United States, by States, January-June 1971

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights $\frac{1}{2}$					
<u>New England</u>					
Connecticut	646,981		11,284		658,265
Maine	253,931		3,884		257,815
Massachusetts	2,703,456	5,600	30,720	2,316	2,742,092
New Hampshire	208,154		5,571		213,725
Rhode Island	214,037		7,138		221,175
Vermont	112,879				112,879
Sub-total	4,139,438	5,600	58,597	2,316	4,205,951
<u>Mid-Atlantic</u>					
New Jersey	4,571,087	2,024	267,282	9,236	4,849,629
New York	7,909,821	167,756	214,671	6,001	8,298,249
Pennsylvania	6,613,233	89,689	181,209	2,052	6,886,183
Sub-total	19,094,141	259,469	663,162	17,289	20,034,061
<u>North Central</u>					
Illinois	4,721,143	6,300,349	10,650	1,200	11,033,342
Indiana	2,023,392	596,662	2,000		2,622,054
Iowa	386,009	771,827			1,157,836
Kansas	239,671	611,640		400	851,711
Michigan	1,837,823	1,959,832			3,797,655
Minnesota	286,124	1,123,631			1,409,755
Missouri	1,816,076	856,829		1,152	2,674,057
Nebraska	98,343	730,589			828,932
North Dakota	9,256	192,301			201,557
Ohio	4,384,977	1,323,426	800		5,709,203
South Dakota	10,772	148,054	2		158,828
Wisconsin	866,634	1,164,772			2,031,406
Sub-total	16,680,220	15,779,912	13,452	2,752	32,476,336
<u>Southern</u>					
Alabama	1,275,640			7,975	1,283,615
Arkansas	624,403	39,000			663,403
Delaware	915,444				915,444
District of Columbia	230,528				230,528
Florida	2,359,549			554,093	2,913,642
Georgia	3,392,234		369	18,251	3,410,854
Kentucky	1,109,265				1,109,265
Louisiana	1,654,050		753	9,951	1,664,754
Maryland	2,622,096	10	65,868	14,112	2,702,086
Mississippi	716,418			1,594	718,012
North Carolina	2,018,451		2,877	5,040	2,026,368
Oklahoma	638,479	157,702			796,181
South Carolina	1,059,789	1		3,470	1,063,260
Tennessee	2,121,170	13	1,304	3,031	2,125,518
Texas	4,112,194	970,766		30,622	5,113,582
Virginia	1,519,568		55,726	6,000	1,581,294
West Virginia	396,371	15,999	1,730		414,100
Sub-total	26,765,649	1,183,491	128,627	654,139	28,731,906
<u>Western</u>					
Alaska	10,202	22,770			32,972
Arizona	170,504	249,152			419,656
California	3,369,417	5,489,604	28,900		8,887,921
Colorado	107,228	731,731			838,959
Idaho	16,421	123,994			140,415
Montana	17,499	139,040			156,539
Nevada	25,102	28,288			53,390
New Mexico	34,997	105,623			140,620
Oregon	300,968	626,460	6,000		933,428
Utah	47,891	293,053			340,944
Washington	326,244	764,776	27,600		1,118,620
Wyoming	17,005	42,853			59,858
Sub-total	4,443,478	8,617,344	62,500		13,123,322
Grand total	71,122,926	25,845,816	926,338	676,496	98,571,576

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 37 - Primary distribution of sugar, continental United States, by states, January-June 1971 and 1970

State and Region	Cane sugar refiners		Beet processors		Total all Primary Distributors ^{1/}	
	1971	1970	1971	1970	1971	1970
Thousands of hundredweights ^{2/}						
<u>New England</u>						
Connecticut	647	639		22	658	689
Maine	254	238		17	258	258
Massachusetts	2,703	2,607	6	125	2,742	2,760
New Hampshire	208	152		2	214	157
Rhode Island	214	185		27	221	222
Vermont	113	105		10	113	115
Sub-total	4,139	3,926	6	203	4,206	4,201
<u>Mid-Atlantic</u>						
New Jersey	4,571	4,711	2	10	4,850	5,055
New York	7,910	7,671	168	289	8,298	8,325
Pennsylvania	6,613	6,391	89	172	6,886	6,818
Sub-total	19,094	18,773	259	471	20,034	20,198
<u>North Central</u>						
Illinois	4,721	3,921	6,300	8,218	11,033	12,190
Indiana	2,023	2,239	597	716	2,622	2,957
Iowa	386	299	772	866	1,158	1,165
Kansas	240	265	612	545	852	813
Michigan	1,838	1,803	1,960	2,165	3,798	3,968
Minnesota	286	217	1,124	1,213	1,410	1,430
Missouri	1,816	1,660	857	962	2,674	2,626
Nebraska	90	90	731	811	829	901
North Dakota	9	6	192	167	201	173
Ohio	4,385	3,799	1,323	1,429	5,709	5,237
South Dakota	11	17	148	143	159	160
Wisconsin	867	813	1,164	1,234	2,031	2,047
Sub-total	16,680	15,129	15,780	18,469	32,476	33,667
<u>Southern</u>						
Alabama	1,276	1,271			1,284	1,280
Arkansas	624	579	39	73	663	652
Delaware	915	1,055			915	1,056
District of Columbia	231	219			231	220
Florida	2,360	2,271			2,914	2,647
Georgia	3,392	3,362			3,411	3,369
Kentucky	1,109	1,165			1,109	1,165
Louisiana	1,654	1,902			1,665	1,923
Maryland	2,622	2,569	*		2,702	2,719
Mississippi	716	731			718	731
North Carolina	2,019	1,963			2,026	1,971
Oklahoma	638	619	158	193	796	812
South Carolina	1,060	1,018	*		1,063	1,021
Tennessee	2,121	2,025	*	1	2,126	2,027
Texas	4,112	4,133	971	905	5,114	5,074
Virginia	1,520	1,490			1,581	1,522
West Virginia	396	408	16	10	414	423
Sub-total	26,765	26,780	1,184	1,182	28,732	28,612
<u>Western</u>						
Alaska	10	11	23	21	33	32
Arizona	171	173	249	257	420	430
California	3,370	3,650	5,489	5,998	8,888	9,653
Colorado	107	149	732	690	839	839
Idaho	16	19	124	131	140	151
Montana	18	23	139	135	157	158
Nevada	25	45	28	20	53	65
New Mexico	35	36	106	97	141	133
Oregon	301	291	626	723	933	1,022
Utah	48	54	293	342	341	396
Washington	326	331	765	900	1,119	1,264
Wyoming	17	11	43	31	60	42
Sub-total	4,444	4,793	8,617	9,345	13,124	14,185
<u>Grand total</u>	<u>71,122</u>	<u>69,401</u>	<u>25,846</u>	<u>29,670</u>	<u>98,572</u>	<u>100,863</u>

^{1/} Includes deliveries by importers of direct-consumption sugar and mainland cane sugar mills.^{2/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

* Less than 500 hundredweights.

UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Stabilization and Conservation Service
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Table 38.- Sugar prices

Year and month	: Raw cane sugar-spot price :		Quota	: Refined beet sugar - quoted		
	: Domestic : World		premium	: wholesale (gross) 4/		
	: sugar at NY :	: sugar 2/ :	and	: Eastern :	: Chicago :	: Pacific
	: duty paid 1/		discount 3/	: West :		Coast
cents per pound						
1966-70 monthly average	7.52	2.59	+3.93	10.08	10.08	10.19
1969 " "	7.75	3.37	+3.38	10.23	10.23	10.14
1970 Monthly average	8.07	3.75	+3.19	11.08	11.08	10.79
1970						
August	8.19	3.89	+3.15	11.20	11.20	10.70
September	8.16	3.93	+3.08	11.35	11.35	11.20
October	8.14	3.99	+3.00	11.45	11.45	11.20
November	7.96	4.18	+2.63	11.45	11.45	11.20
December	8.02	4.16	+2.71	11.45	11.45	11.20
1971						
January	8.35	4.73	+2.42	11.52	11.52	11.20
February	8.44	4.83	+2.41	11.60	11.60	11.20
March	8.37	4.71	+2.46	11.60	11.60	11.40
April	8.29	4.61	+2.52	11.60	11.60	11.40
May	8.46	4.35	+2.95	11.60	11.60	11.40
June	8.54	4.14	+3.24	11.60	11.60	11.40
July	8.58	4.20	+3.26	11.60	11.60	11.40
Last 12-month average	8.29	4.31	+2.82	11.50	11.50	11.24
Year and month	: Refined cane sugar - quoted wholesale (gross) 4/ :					: Retail
	: North : South		Gulf	: Chicago :	: Pacific :	: U. S.
	: east :	: east :		: west :	: coast :	average
cents per pound						
1966-70 Monthly average	11.05	10.61	10.42	10.14	10.19	12.36
1969 " "	11.44	10.85	10.50	10.23	10.14	12.40
1970 Monthly average	11.97	11.41	11.04	11.08	10.79	12.97
1970						
August	12.05	11.50	11.15	11.20	10.70	13.12
September	12.20	11.65	11.15	11.35	11.20	13.16
October	12.20	11.65	11.15	11.45	11.20	13.22
November	12.20	11.65	11.15	11.45	11.20	13.34
December	12.20	11.65	11.15	11.45	11.20	13.40
1971						
January	12.20	11.76	11.30	11.52	11.20	13.40
February	12.20	11.80	11.30	11.60	11.20	13.44
March	12.40	12.00	11.50	11.60	11.40	13.46
April	12.40	12.00	11.50	11.60	11.40	13.54
May	12.40	12.00	11.50	11.60	11.40	13.54
June	12.55	12.07	11.50	11.60	11.40	13.60
July	12.60	12.20	11.70	11.60	11.40	13.64
Last 12-month average	12.30	11.83	11.34	11.50	11.24	13.40

1/ Spot prices are for bulk sugar under Contract No. 10 which, beginning November 21, 1966, replaces Contract No. 7. The terms of these contracts are duty paid or duty free, full duty rate .625 cents per pound.

2/ Spot prices are for bulk sugar under Contract No. 11 which, beginning Jan. 1, 1971 replaces Contract No. 8. The terms of these contracts are f.o.b. and stowed at Greater Caribbean ports, including Brazil.

3/ The No. 10 "domestic bulk" Contract has been adjusted by deducting duty (.625¢), computed freight from the Greater Caribbean ports (including Brazil), insurance and unloading charges before calculating the differential from the "World Contract" spot prices.

4/ These are basis prices in 100-pound paper bags, NOT delivered prices. To obtain delivered prices add "Freight Prepays" and deduct discounts and allowances. For illustration see Sugar Reports No. 230, July 1971, pages 6 to 23.

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